Test Name: 10-HYDROXYCARBAZEPINE (TRILEPTAL)
Test ID: OXCARB
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML HEPARINIZED PLASMA (GREEN TOP) - REFRIGERATED
Additional Information: AVOID HEMOLYSIS

Test Name: 11-DEOXYCORTISOL
Test ID: DEOX
Testing Facility: Reference Laboratory
Specimen Handling: SERUM FROM SST TUBE
Additional Information: Centrifuge and refrigerate

Test Name: 14-3-3 PROTEIN
Test ID: MISCNB
Testing Facility: Reference Laboratory
Specimen Handling: CSF - FROZEN ASAP
Additional Information: AKA: CJD (CREUTZFELDT-JAKOB); FROZEN URINE ALSO ACCEPTABLE

Test Name: 17-HYDROXYCORTICOSTEROIDS
Test ID: U17OHC
Testing Facility: Reference Laboratory
Specimen Handling: 15 ML URINE FROM 24 HR COLL. - FROZEN
Additional Information: CRITICAL FROZEN

Test Name: 17-HYDROXYPREGNENOLONE
Test ID: PREGH
Testing Facility: Reference Laboratory
Volume: SERUM 2ML - PLAIN RED TOP - FROZEN
Container: PLAIN RED PREFERRED; SST ACCEPTABLE
Additional: Centrifuge and transfer serum to plastic vial.
Specimen Handling: CRITICAL FROZEN, MUST BE DONE AT MAIN HOSPITAL

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>17-HYDROXYPROGESTERONE</td>
<td>17OHP</td>
<td>Reference Laboratory</td>
<td>SERUM FROM SST TUBE .5ML</td>
<td>Centrifuge and refrigerate</td>
</tr>
<tr>
<td>17-KETOSTEROIDS,UR</td>
<td>U17K</td>
<td>Reference Laboratory</td>
<td>15 ML URINE FROM 24 HR COLL. - REF</td>
<td>DO NOT USE PRESERVATIVES</td>
</tr>
<tr>
<td>18-OH CORTICOSTERONE</td>
<td>18OHC</td>
<td>Reference Laboratory</td>
<td>Serum</td>
<td>3 ml (1 ml min)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Container: SST</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Specimen Handling: Centrifuge, aliquot and freeze within 1 hour of collection</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Storage: Frozen</td>
<td></td>
</tr>
<tr>
<td>21-HYDROXYLASE ANTIBODY</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SST</td>
<td>1ML SERUM - REFRIGERATED</td>
</tr>
</tbody>
</table>
Test Name: 24 HOUR URINE COLLECTION INSTRUCTIONS (For Inpatients Only)

Testing Facility: Aultman Laboratory

Volume: 24 hr urine collection

Specimen Handling: Refrigerate. Do not pour off into secondary container. Send Out Department will process.

Additional Information:

1. All 24-hr urine specimens are to be collected in appropriate containers available from the laboratory.
2. All 24-hr urine containers should be placed in a pink plastic bucket with ice packed around the specimen during collection.
3. Accurate results can only be obtained if the urine is collected according to the following instructions:
   a. Discard the first voided urine the morning of the test. Note the exact date and time.
   b. Place all further urine specimens in the collection container.
   c. Have the patient void at the exact time the morning of the second day. Include this last specimen in the collection.
   d. Note the exact date and time.
   e. Send the properly labeled container with a requisition inquiry to the lab.

24 HOUR URINE COLLECTION INSTRUCTIONS (For Outpatients Only)

Testing Facility: Aultman Laboratory

Specimen Collection / Transfer Instructions:

1. All 24-hr urine specimens are to be collected in appropriate containers available from the laboratory. Patient will need a brown collection container, large plastic biobag for transport, urine collection cup, and 24-Hour Urine Sample Instructions Form.
2. Drink usual amount of liquid during the collection period, but NOT alcoholic beverages. Accurate results can only be obtained if the urine is collected according to the following instructions:
   a. Empty bladder when waking up in the morning. DO NOT COLLECT OR SAVE THIS URINE.
   b. Record the start date and time.
   c. From this time on, collect and save all urine passed throughout the date and night. Pour into brown plastic container. Keep the urine refrigerated during and after collection. If this is not possible, place the brown container in a large container filled with ice. Keep the brown plastic container surrounded by ice, but not totally immersed causing the lid or identification tag to become wet.
   d. Empty bladder the next morning, collecting at the same hour as above. Add this urine to the brown plastic container.
   e. Record the stop date and time. (The start and stop time should match to be a complete 24-hour collection)
   f. Record your height and weight.
   g. Transport the brown urine container, in the large plastic biobag, to the laboratory or blood draw station as soon as possible. Mark your name and date of birth on the container.

Volume: 24 hr urine collection

Specimen Handling: Refrigerate or pack ice around container in a cooler.

Additional Information: Blood tests may be needed in correlation with the 24-hour urine specimen, laboratory drop-offs are discouraged on Saturdays after 12 noon, or on Sundays.
Test Name: 5-HIAA, 24 HR UR
  Test ID: UHIAAD
Testing Facility: Reference Laboratory
  Volume: 15 ML URINE FROM 24 HR COLL. - REF

Test Name: 5-NUCLEOTIDASE
  Test ID: 5NUCP
Testing Facility: Reference Laboratory
  Volume: SERUM 2 ML – REF
  Additional Information: REJECT HEMOLYZED SAMPLE

Test Name: 5TH'S DISEASE (see Parvovirus B19 Antibody)

Test Name: 6-MP (see Thiopurine Metabolites)

Test Name: 6-THIOGUANINE, 6-TG (see Thiopurine Metabolites)

Test Name: 6-THIOGUANINE/6GT (see Thiopurine Metabolites)

Test Name: A1C
  Test ID: A1C
  Synonyms: Hemoglobin A1C, glycosolated hemoglobin
Testing Facility: Aultman Laboratory
  Turnaround Time: Results available same day. (Run’s 24hrs a day, 7 days a week)
  Specimen Type: Whole blood
    Volume: 1.5 mL
    Container: 5 mL EDTA
  Specimen Handling: Store refrigerated.

Test Name: AAT, A1A, A-1 ANTITRYSIN (see Alpha-1 Antitrypsin)
Test Name: **AB SCREEN / INDIRECT AHG**  
**Test ID:** ABS  
**Synonyms:** Antibody screen, Indirect Coombs, Indirect AHG.  
**Test Includes:** Blood Bank will reflex additional testing when positive result.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** 45 minutes  
**Container:** 6 ml pink top EDTA  
**Additional Information:** NOTE: All specimens sent to Blood Bank for testing must have a handwritten identification label that includes the patient’s first and last name, Medical Record number (Date of Birth is acceptable for Outpatients), date and time of collection and collector’s initials. Specimens missing any of the elements listed above will be rejected and must be recollected.

---

Test Name: **ABO/RH**  
**Test ID:** ABO  
**Synonyms:** Blood type, ABO and Rh  
**Test Includes:** ABO and Rh  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** 30 minutes  
**Container:** 6 ml Pink EDTA.  
**Additional Information:** NOTE: All specimens sent to Blood Bank for testing must have a handwritten identification label that includes the patient’s first and last name, Medical Record number (Date of Birth is acceptable for Outpatients), date and time of collection and collector’s initials. Specimens missing any of the elements listed above will be rejected and must be recollected.

---

Test Name: **ABSOLUTE T-CELL AND SUB-SETS (see Helper/Suppressor)**

Test Name: **ACE (ANGIOTENSIN CONVERTING ENZYME)**  
**Test ID:** ACE  
**Testing Facility:** Reference Laboratory  
**Volume:** 1 ML SERUM FROM SST TUBE - REFRIGERATED  
**Container:** SST
### Test Name: ACETAMINOPHEN

**ID:** ACETA

**Synonyms:** Paracetamol, Tylenol

**Testing Facility:** Aultman Laboratory

**Turnaround Time:** Done 7 days/week, 24 hrs/day. Results available same day.

**Specimen Type:** Serum.

- **Volume:** 1 mL
- **Container:** SST. Plain Red top. Also acceptable plasma lithium heparin – Separate from cells within 2 hours of collection.
- **Storage:** Refrigerate.

---

### Test Name: ACETOACETIC ACID (See B-Hydroxybutyrate)

---

### Test Name: ACETYLCHOLINE REC. BINDING ANTIBODY

**Test ID:** ACHRAB

**Testing Facility:** Reference Laboratory

- **Volume:** SERUM 1 ML - REF
- **Container:** SST

**Additional Information:** REJECT HEMOLYZED SPEC.

---

### Test Name: ACETYLCHOLINE REC. BLOCKING ANTIBODY

**Test ID:** ACEBAB

**Testing Facility:** Reference Laboratory

- **Volume:** SERUM 1 ML - REF
- **Container:** SST

**Specimen Handling:** CENTRIFUGE WITHIN 1 HOUR OF COLLECTION

---

### Test Name: ACETYLCHOLINE REC. MODULATING ANTIBODY

**Test ID:** ACRMA

**Testing Facility:** Reference Laboratory

**Specimen Handling:** 1 ML SERUM FROM SST - REFRIGERATED

**Storage:** SST

---

### Test Name: ACETYLCHOLINESTERASE, AMNIOTIC FLUID

**Test ID:** ACHE

**Testing Facility:** Reference Laboratory- Mayo

**Specimen Handling:** AMNIOTIC FLUID 1 ML - ROOM TEMP

**Additional Information:** COLLECT AND TRANSPORT IN STERILE CONTAINER
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETYLCHOLINESTERASE, RBC</td>
<td>ACHS</td>
<td>Reference Laboratory - Mayo</td>
<td>4 ML EDTA WHOLE BLOOD - REF</td>
<td>SPECIMEN MUST ARRIVE WITHIN 72 HRS OF DRAW</td>
</tr>
<tr>
<td>ACHE &amp; FETAL HEMOGLOBIN, AMNIOTIC FLUID</td>
<td>ACHFHB</td>
<td>Reference Laboratory</td>
<td>2 ML AMNIOTIC FLUID - ROOM TEMPERATURE</td>
<td>COLLECT AND TRANSPORT IN STERILE CONTAINER</td>
</tr>
<tr>
<td>ACTH</td>
<td>ACTH2</td>
<td>Reference Laboratory</td>
<td>Prechill 2 lav top tube before collection.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Specimen Type: Plasma (frozen)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Volume: 5 mL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Container: Two lav top tube.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Specimen Handling: Keep on ice after drawing. Centrifuge in cold. Freeze immediately.</td>
<td></td>
</tr>
<tr>
<td>ACYLCARNITINE, PLASMA</td>
<td>ACYLBI</td>
<td>Reference Laboratory</td>
<td>1 ML EDTA PLASMA - REFRIGERATED</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Container: Lavender</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Specimen Handling: Remove plasma from cells ASAP</td>
<td></td>
</tr>
<tr>
<td>ADAMTS 13</td>
<td>ADM13</td>
<td>Reference Laboratory</td>
<td>1 ML CITRATED PLASMA – FROZEN</td>
<td>GOES TO MAYO CLINIC</td>
</tr>
<tr>
<td>Test Name</td>
<td>Test ID</td>
<td>Testing Facility</td>
<td>Specimen Handling</td>
<td>Additional Information</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------</td>
<td>---------------------------</td>
<td>------------------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>ADDERALL, URINE (AMPHE TAMINE URINE)</td>
<td>UAMPC</td>
<td>Aultman Laboratory</td>
<td>5 ML URINE - REF</td>
<td></td>
</tr>
<tr>
<td>ADENOSINE DEAMINASE, SERUM</td>
<td>SAD</td>
<td>Reference Laboratory</td>
<td>1ML SERUM-FROZEN - FROZEN</td>
<td></td>
</tr>
<tr>
<td>ADENOVIRUS AB</td>
<td>SADNAB</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td>TITER DONE IF SCREEN IS POSITIVE</td>
</tr>
<tr>
<td>ADMARK APOE GENOTYPE</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>EDTA WHOLE BLOOD 10 ML - REFRIGERATED</td>
<td>SHIP WITHIN 24 HRS</td>
</tr>
<tr>
<td>ADRENAL ANTIBODY</td>
<td>ADREN</td>
<td>Reference Laboratory</td>
<td>SERUM 2 ML FROM RED TOP - REFRIGERATED</td>
<td>TITER DONE IF SCREEN IS POSITIVE</td>
</tr>
</tbody>
</table>
Test Name: AFFIRM PATHOGENS DIRECT DNA PROBE
  Test ID: VAGDNA
  Synonyms: Bacterial Vaginosis Panel
  Test Includes: Candida sp, Gardnerella vaginalis, Trichomonas vaginalis DNA
  Testing Facility: Aultman Laboratory
  Turnaround Time: 3 days
  Specimen Collection: BD Affirm VP III Ambient Transport System
  Specimen Type: Vaginal fluid
  Storage: 72 hours refrigerated
  Additional Information: TEST DOES NOT DETECT GC OR CLINICAL SYNDROMES OTHER THAN VAGINITIS/VAGINOSIS. ORDER CULTURE GC ONLY OR N. GONORRHOEAE PCR OR CULTURE WOUND AS APPROPRIATE.

Test Name: AFP, MATERNAL SERUM
  Test ID: MSAFP
  Test Number: MARK ON REQ
  Testing Facility: Reference Laboratory
  Specimen Handling: 1 ML SERUM – REFRIGERATED

Test Name: ALA, 24 HOUR URINE
  Test ID: UAMINO
  Synonyms: Aminolevulinic Acid.
  Testing Facility: Reference Laboratory
  Specimen Type: 24-hr urine.
  Volume: Submit entire collection to lab.
  Specimen Handling: Refrigerate during collection. Protect from light.
  Additional Information: Send 15 mL aliquot to reference lab. pH should be 2-4.

Test Name: ALBUMIN
  Test ID: ALB
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.
  Specimen Type: Serum or plasma lithium heparin
  Volume: 1 mL
  Container: SST. Also acceptable plasma lithium heparin – Separate from cells within 2 hours of collection.
  Specimen Handling: Avoid hemolysis.
  Storage: Refrigerate.
Test Name: ALCOHOL LEVEL  (See Ethanol)

Test Name: ALDOLASE
Test ID: ALDO
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML FROM SST TUBE - REFRIGERATED
Additional Information: GOOD 5 DAYS REFRIGERATED

Test Name: ALDOSTERONE, SERUM
Test ID: ALDOS
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM FROM SST TUBE - FROZEN
Additional Information: EDTA PLASMA ALSO ACCEPTABLE

Test Name: ALDOSTERONE, UR
Test ID: UALDOS
Testing Facility: Reference Laboratory
Specimen Handling: 5 ML URINE FROM 24 HR COLL. - REF

Test Name: ALKALINE PHOSPHAT ISOENZYMES
Test ID: ALKISO
Testing Facility: Reference Laboratory
Specimen Type: 2 ML SERUM FROM SST TUBE - REFRIGERATED
Container: 7 mL SST

Test Name: ALKALINE PHOSPHATASE, SERUM
Test ID: AP
Synonyms: Alk phos.
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.
Specimen Type: Serum or plasma lithium heparin
Volume: 1 mL
Container: SST. Also acceptable plasma lithium heparin – Separate from cells with 2 hours of collection.
Specimen Handling: Avoid hemolysis.
Storage: Refrigerate.

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: ALLERGEN PINE NUT IGE  
Test ID: PINENT  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1 ml will do up to 7 allergens

---

Test Name: ALLERGEN, ALMOND IGE  
Test ID: ALMOND  
Testing Facility: Reference Laboratory  
Specimen Type: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

---

Test Name: ALLERGEN, ALTERNARIA TENIUS IGE  
Test ID: ATENS  
Testing Facility: Reference Laboratory  
Specimen Type: 1 ML SERUM – REFRIGERATED  
Additional Information: 1 ML OF SERUM – 7 ALLERGENS

---

Test Name: ALLERGEN, ASPERGILLUS FUMIGATIS IGE  
Test ID: AFUMIG  
Testing Facility: Reference Laboratory  
Specimen Type: 1 ML SERUM-REF  
Specimen Handling: 1 ml will do up to 7 allergens

---

Test Name: ALLERGEN, BEEF IGE  
Test ID: BEEFMT  
Testing Facility: Reference Laboratory  
Volume: 1 ml serum-REF  
Specimen Handling: 1 ml will do up to 7 allergens

---

Test Name: ALLERGEN, BERMUDA GRASS IGE  
Test ID: BRMUDA  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

---

The information contained in this Directory is provided only as general information and is subject to change without notice.
### Test Name: ALLERGEN, BIRCH TREE IGE
- **Test ID:** BIRCHT
- **Testing Facility:** Reference Laboratory
- **Volume:** 1 ML SERUM-REF
- **Specimen Handling:** 1ml of serum will do up to 7 allergens

### Test Name: ALLERGEN, BOX ELDER TREE IGE
- **Test ID:** BELDER
- **Testing Facility:** Reference Laboratory
- **Specimen Type:** 1 ML SERUM-REF
- **Specimen Handling:** 1ml of serum will do up to 7 allergens

### Test Name: ALLERGEN, BRAZILNUT IGE
- **Test ID:** BRAZIL
- **Testing Facility:** Reference Laboratory
- **Volume:** 1 ML SERUM-REF
- **Additional Information:** 1ml of serum will do up to 7 allergens

### Test Name: ALLERGEN, CACAO/COCOA IGE
- **Test ID:** COCOA
- **Testing Facility:** Reference Laboratory
- **Specimen Type:** 1 ML SERUM-REF
- **Additional Information:** 1ml of serum will do up to 7 allergens

### Test Name: ALLERGEN, CANDIDA ALBICANS IGE
- **Test ID:** CNDIDA
- **Testing Facility:** Reference Laboratory
- **Volume:** 1 ML SERUM-REF
- **Specimen Handling:** 1ml of serum will do up to 7 allergens

### Test Name: ALLERGEN, CASEIN IGE
- **Test ID:** MCASIN
- **Testing Facility:** Reference Laboratory
- **Volume:** 1ML SERUM-REF
- **Specimen Handling:** 1ml of serum will do up to 7 allergens
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Type</th>
<th>Specimen Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLERGEN, CASHEW</td>
<td>CASHEW</td>
<td>Reference Laboratory</td>
<td>1ML SERUM-REF</td>
<td>1ml of serum will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, CAT DANDER IGE</td>
<td>CATDND</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>1ml of serum will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, CHICKEN FEATHERS IGE</td>
<td>CHCKF</td>
<td>Reference Laboratory</td>
<td>1ml serum-REF</td>
<td>1 ml will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, CHICKEN MEAT IGE</td>
<td>CHCKN</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>1ml of serum will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, CLADOSPORIUM HERBARUM IGE</td>
<td>CHERB</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>1ml of serum will do up to 7 allergens</td>
</tr>
</tbody>
</table>
Test Name: ALLERGEN, CLAM IGE
Test ID: CLAM
Testing Facility: Reference Laboratory
Volume: 1 ml serum - REF
Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, COCKLEBUR IGE
Test ID: COKBUR
Testing Facility: Reference Laboratory
Volume: 1 ML SERUM-REF
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, COCKROACH IGE
Test ID: CROACH
Testing Facility: Reference Laboratory
Volume: 1 ML SERUM-REF
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, COCONUT IGE
Test ID: COCNUT
Testing Facility: Reference Laboratory
Volume: 1 ML SERUM-REF
Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, COD IGE
Test ID: CODFSH
Testing Facility: Reference Laboratory
Volume: 1 ML SERUM-REF
Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, COMMON RAGWEED IGE
Test ID: SRAGWD
Testing Facility: Reference Laboratory
Volume: 1 ML SERUM-REF
Test Name: ALLERGEN, LAMB'S QUARTER IGE  
Test ID: LAMBQU  
Testing Facility: Reference Laboratory  
Specimen Type: 1ml serum - REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, LATEX IGE  
Test ID: LATEXA  
Testing Facility: Reference Laboratory  
Volume: 1ml serum-Ref  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, MACEDAMIA NUT IGE  
Test ID: MACADA  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, MEADOW FESCUE (GRASS) IGE  
Test ID: MFESCU  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, MILK IGE  
Test ID: MILKC  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, MOUNTAIN JUNIPER TREE IGE  
Test ID: MTJUNI  
Testing Facility: Reference Laboratory  
Volume: 1ml serum-Ref  
Specimen Handling: 1ml of serum will do up to 7 allergens
Test Name: ALLERGEN, MULBERRY TREE IGE
   Test ID: MULBRY
   Testing Facility: Reference Laboratory
   Volume: 1 ML SERUM-REF
   Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, OAK TREE IGE
   Test ID: OAK
   Testing Facility: Reference Laboratory
   Volume: 1 ML SERUM-REF
   Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, OAT IGE
   Test ID: OAT
   Testing Facility: Reference Laboratory
   Volume: 1 ML SERUM-REF
   Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, ORANGE IGE
   Test ID: ORNGE
   Testing Facility: Reference Laboratory
   Volume: 1 ML SERUM-REF
   Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, ORCHARD GRASS
   Test ID: ORCHRD
   Testing Facility: Reference Laboratory
   Volume: 1ml serum-Ref
   Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, ORCHARD GRASS IGE
   Test ID: ORCHRD
   Testing Facility: Reference Laboratory
   Volume: 1 ml serum-Ref
   Specimen Handling: 1ml of serum will do up to 7 allergens
Test Name: ALLERGEN, PEANUT IGE  
Test ID: PEANUT  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, PECAN NUT IGE  
Test ID: PECAN  
Testing Facility: Reference Laboratory  
Volume: 1ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, PENICILLIUM CHRYSOGENUM  
Test ID: PENOTAT  
Synonyms: PENICILLIM NOTATUM  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, PIGWEED IGE IGE  
Test ID: PGWEED  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, PISTACHIO IGE  
Test ID: PISTAC  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, POTATO  
Test ID: POTATO  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1 ml will do up to 7 allergens
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Volume</th>
<th>Specimen Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLERGEN, RICE IGE</td>
<td>RICE</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>1ml of serum will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, RUSSIAN THISTLE IGE</td>
<td>THISTL</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>1 ml will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, RYE GRASS IGE</td>
<td>RYEGRS</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>1 ml will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, SCALLOP IGE</td>
<td>SCALOP</td>
<td>Reference Laboratory</td>
<td>1ml serum-Ref</td>
<td>1ml of serum will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, SESAME SEED IGE</td>
<td>SESAME</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>1 ml will do up to 7 allergens</td>
</tr>
<tr>
<td>ALLERGEN, SHEEP SORREL IGE</td>
<td>SORREL</td>
<td>Reference Laboratory</td>
<td>1 ml serum-Ref</td>
<td>1ml of serum will do up to 7 allergens</td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: ALLERGEN, SYCAMORE TREE IGE  
Test ID: SYCMOR  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1 ml of serum will do up to 7 allergens

Test Name: ALLERGEN, TIMOTHY GRASS IGE  
Test ID: TIMTHY  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, TOMATO IGE  
Test ID: TOMATO  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, WALNUT IGE  
Test ID: WALNUT  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens

Test Name: ALLERGEN, WALNUT TREE IGE  
Test ID: WнутTR  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1 ml will do up to 7 allergens

Test Name: ALLERGEN, WHEAT IGE  
Test ID: WHEAT  
Testing Facility: Reference Laboratory  
Volume: 1 ML SERUM-REF  
Specimen Handling: 1ml of serum will do up to 7 allergens
<table>
<thead>
<tr>
<th>Test Name: ALLERGEN, WHITE ASH TREE IGE</th>
<th>Test ID: WHTASH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Volume: 1 ML SERUM-REF</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: 1 ml will do up to 7 allergens</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ALLERGEN, WHITE BEAN IGE</th>
<th>Test ID: WTBEAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Volume: 1 ML SERUM-REF</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: 1 ml will do up to 7 allergens</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ALLERGEN, WHITE PINE TREE IGE</th>
<th>Test ID: WTPINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Volume: 1 ML SERUM-REF</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: 1 ml will do up to 7 allergens</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ALLERGEN, YEAST IGE</th>
<th>Test ID: BYEAST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Volume: 1 ML SERUM-REF</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: 1 ml of serum will do up to 7 allergens</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ALLERGY PANEL – RESPIRATORY REGION 5 (22 ALLERGENS)</th>
<th>Test ID: MISC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: SERUM - 4 ML REF, 1 ML OF SERUM WILL DO 7 ALLERGY TESTS.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ALPHA 1 ANTITRYPSIN PHENOTYPE</th>
<th>Test ID: A1APHE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: 1 ML SERUM FROM PLAIN RED TOP- REFRIGERATED</td>
<td></td>
</tr>
<tr>
<td>Additional Information: EDTA WHOLE BLOOD AT ROOM TEMP ALSO ACCEPTABLE</td>
<td></td>
</tr>
</tbody>
</table>
Test Name: ALPHA FETOPROTEIN
Test ID: AFPS
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hrs/day. Results available same day
Specimen Type: Serum
  Volume: 1 mL
  Container: 7 mL SST preferred. Plain Red tube also acceptable.
  Storage: Refrigerate.

Test Name: ALPHA MELANOCYTE STIMULATING HORMONE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Type: 3 mL EDTA PLASMA – FROZEN ASAP
Additional Information: 1. Fasting preferred

Test Name: ALPHA SUBUNIT OF PGH
Test ID: ALPSUB
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML SERUM FROM PLAIN RED TOP TUBE - FROZEN
Additional Information: MEASURES ALSUB OF LH, FSH, TSH, AND HCG

Test Name: ALPHA THALASSEMIA GENE
Test ID: ATHALS
Testing Facility: Reference Laboratory
Volume: 5 ML EDTA
Storage: ROOM TEMPERATURE

Test Name: ALPHA-1 ANTITRYPSIN
Test ID: AAT
Synonyms: AAT, A1A
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24hrs/day. Results available the same day.
Specimen Type: Serum. Also acceptable plasma lithium heparin - Separate cells within 2 hours of collection.
  Volume: 1 - 2 mL.
  Container: SST or plasma lithium heparin
<table>
<thead>
<tr>
<th>Test Name:</th>
<th>ALPHA-1-ANTITRYPSIN, RANDOM STOOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>STA1A</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>5 GRAMS OF STOOL IN A CLEAN CONTAINER - FROZEN</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>NO PRESERVATIVES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>ALPHA-1-ANTITRYPSIN,24 HR FECES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>MISC</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>10 GRAMS OF A 24 HR STOOL - FROZEN</td>
</tr>
<tr>
<td>Additional Information:</td>
<td>MUST BE FROM A 24 HR COLLECTION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>ALPHA-2-ANTIPLASMIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>MISC</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>2 ML SODIUM CITRATED PLASMA (BLUE TOP TUBE) – FROZEN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>ALPRAZOLAM(XANAX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>MISC</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>4 ML SERUM - PLAIN RED TOP - REFRIGERATED</td>
</tr>
<tr>
<td>Additional Information:</td>
<td>Centrifuge and transfer serum to plastic vial. SST NOT ACCEPTABLE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>ALT (SGPT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>ALT</td>
</tr>
<tr>
<td>Synonyms:</td>
<td>SGPT</td>
</tr>
<tr>
<td>Turnaround Time:</td>
<td>Done 7 days/wk, 24 hrs/day. Results available the same day.</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>Serum. Also acceptable plasma lithium heparin - Separate from cells within 2 hours of collection.</td>
</tr>
<tr>
<td>Volume:</td>
<td>1 mL</td>
</tr>
<tr>
<td>Container:</td>
<td>SST or plasma lithium heparin</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>Avoid hemolysis. Storage: Refrigerate.</td>
</tr>
</tbody>
</table>
Test Name: ALUMINUM
Test ID: ALUM
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM FROM DARK BLUE TUBE WITH NO ADDITIVE – ROOM TEMPERATURE
Additional Information: DK BLUE TOP TUBE/ NO ADDITIVE - HEAVY METAL

Test Name: AMA (see Mitochondrial Antibody)

Test Name: AMIKACIN (PEAK)
Test ID: AMIP
Synonyms: Amikin
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML PLASMA FROM HEPARINIZED TUBE (GREEN TOP) - FROZEN
Additional Information: SERUM FROM PLAIN RED TOP TUBE ALSO ACCEPTABLE
30 MIN POST IM INJECTION OR 30 MIN POST IV INFUSION

Test Name: AMIKACIN (RANDOM)
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML PLASMA FROM HEPARINIZED TUBE (GREEN TOP) – FROZEN
Additional Information: EITHER SODIUM OR LITHIUM HEPARIN ACCEPTED
SERUM FROM PLAIN RED TOP TUBE ALSO ACCEPTABLE

Test Name: AMIKACIN (TROUGH)
Test ID: AMIT
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML PLASMA FROM HEPARINIZED TUBE (GREEN TOP) – FROZEN
Additional Information: EITHER SODIUM OR LITHIUM HEPARIN ACCEPTED
SERUM FROM PLAIN RED TOP TUBE ALSO ACCEPTABLE

Test Name: AMINO ACID PLASMA, QUANTITATIVE
Test ID: AAQTPL
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML PLASMA FROM HEPARINIZED TUBE (GREEN TOP) - FROZEN
Additional Information: EITHER LITHIUM OR SODIUM HEPARIN TUBES ACCEPTABLE
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMINO ACID, UR QUANT</td>
<td>AAQTUR</td>
<td>Reference Laboratory</td>
<td>15 ML URINE - FROZEN</td>
<td>CODE CAN BE USED FOR RANDOM OR 24 HR SPECIMEN</td>
</tr>
<tr>
<td>AMIODARONE</td>
<td>AMIOD</td>
<td>Reference Laboratory</td>
<td>3 ML SERUM FROM PLAIN RED TOP TUBE - FROZEN</td>
<td>PLAIN RED TOP: NO SST</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Centrifuge and transfer serum to plastic vial</td>
</tr>
<tr>
<td>AMITRIPTYLINE/NORTRIPTYLINE</td>
<td>AMINOR</td>
<td>Reference Laboratory</td>
<td>2 ML PLASMA (DARK BLUE EDTA) – REFRIGERATED</td>
<td>REMOVE PLASMA FROM CELLS WITHIN 2 HRS OF COLLECTION</td>
</tr>
<tr>
<td>AMMONIA</td>
<td>AMM</td>
<td>Aultman Laboratory</td>
<td>2 - 4 mL green top tube.</td>
<td>Must be collected in Outpatient Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Specimen Handling: Draw without clenched fist or tourniquet. Specimen should be filled completely, mix tubes by gentle inversion, place on ice, cold centrifuge and analyze within 30 minutes. Specimens for ammonia should not be drawn outside the main hospital campus. Deliver to main lab immediately. Avoid hemolysis.</td>
</tr>
</tbody>
</table>

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05/18/2023
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Type</th>
<th>Container</th>
<th>Specimen Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMOXAPINE</td>
<td>AMOX</td>
<td>Reference Laboratory</td>
<td>2 ML SERUM FROM PLAIN RED TOP TUBE - REFRIGERATED</td>
<td>Red top tube (DO NOT use SST)</td>
<td>Centrifuge and transfer serum to plastic vial. Refrigerate.</td>
</tr>
<tr>
<td>AMPHETAMINE CONFIRMATION, URINE</td>
<td>UAMPC</td>
<td>Reference Laboratory</td>
<td>10ml urine, refrigerated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMYLASE ISOENZYMES</td>
<td>AMYISO</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM FROM SST TUBE - REFRIGERATED</td>
<td></td>
<td>INCLUDES TOTAL AMYLASE, PANCREATIC AND SALIVARY ISOENZYME</td>
</tr>
<tr>
<td>AMYLASE, 24 HOUR URINE</td>
<td>AMU24</td>
<td>Aultman Laboratory</td>
<td>Collection time, volume, creatinine, amylase.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMYLASE, BODY FLUID</td>
<td>AMYBF</td>
<td>Aultman Laboratory</td>
<td>Body fluid type, amylase.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: AMYLASE, RANDOM URINE  
Test ID: AMUR  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.  
Specimen Type: Random urine  
   Volume: 2 - 4 mL  
   Container: Urine tube  
   Storage: Refrigerate

Test Name: AMYLASE, SERUM  
Test ID: AMY  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.  
Specimen Type: Serum. Also acceptable plasma lithium heparin - Separate from cells within 2 hours of collection.  
   Volume: 1 mL  
   Container: SST or plasma lithium heparin  
Specimen Handling: Avoid hemolysis.  
   Storage: Refrigerate.

Test Name: AMYLOID B-PROTEIN  
Test ID: MISC  
Testing Facility: Reference Laboratory- Mayo  
Specimen Handling: 3ML EDTA PLASMA FROZEN  
Additional Information: SENT TO SCIENCE INSTITUTE - REFERRAL CODE 91408

Test Name: ANAPLASMA PHAGOCYTOPHILUM ANTIBODIES (IgG, IgM)  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Type: 1 ML SERUM FROM AN SST TUBE - REFRIGERATED  
Specimen Handling: Centrifuge and transfer serum to plastic vial.

Test Name: ANCA (C-ANCA or P-ANCA) (see Neutrophil Cytoplasmic Antibody)

Test Name: ANDROSTENEDIONE  
Test ID: ANDRO  
Testing Facility: Reference Laboratory  
Specimen Type: 2 ML SERUM FROM SST TUBE - REFRIGERATED
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANGIOTENSIN CONVERTING ENZYME, CSF</td>
<td>CACE</td>
<td>Reference Laboratory</td>
<td>CSF 1 ML - FROZEN ASAP</td>
<td>AKA: ACE, CSF</td>
</tr>
<tr>
<td>ANSER IFX</td>
<td>ANSER</td>
<td>Reference</td>
<td>2 ML SERUM FROM SST - REFRIGERATED</td>
<td>SST or Red Top acceptable</td>
</tr>
<tr>
<td>ANTI PHOSPHATIDYLSERINE ANTIBODY</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SERUM 1ML - REF PLAIN RED TOP Centrifuge and transfer serum to plastic vial.</td>
<td>INCLUDES IGG, IGM, IGA</td>
</tr>
<tr>
<td>ANTI 68-KD ANTIBODY</td>
<td>AB68</td>
<td>Reference Laboratory</td>
<td>SERUM 1ML - Refrigerated Spin and transfer serum to a separate container</td>
<td>AKA: HSP-70 AB</td>
</tr>
<tr>
<td>ANTI STRIATED MUSCLE ANTIBODY (See Skeletal Muscle Antibody)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTI YO ANTIBODY (see Purkinje Antibody)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ARGinine Vasopressin**

**Synonyms**: Antidiuretic Hormone (ADH)

**Test Facility**: Reference Laboratory

**Specimen Type**: 6 ML PLASMA FROM EDTA TUBE (PURPLE TOP) - FROZEN

**Container**: 4 Lavender Top tubes

**Additional Information**: REMOVE FROM CELLS AND FREEZE WITHIN 2 HOURS OF DRAW MUST BE DRAWN AT MAIN HOSPITAL

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<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTI-DNASE B AB</td>
<td>DNASE</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM FROM SST TUBE - REFRIGERATED</td>
</tr>
<tr>
<td>ANTI-FACTOR Xa (for Unfractionated Heparin)</td>
<td>UFXA</td>
<td>Aultman Laboratory</td>
<td>Batched and done on Tuesday’s. Specimen Type: Citrated plasma Volume: 1 mL Container: 2 FULL blue top tubes</td>
</tr>
<tr>
<td>ANTI-FACTOR Xa (Low molecular weight heparin)</td>
<td>LMXA</td>
<td>Aultman Laboratory</td>
<td>Batched and done on Tuesday’s. Specimen Type: Citrated plasma Volume: 1 mL Container: 2 FULL blue top tubes</td>
</tr>
<tr>
<td>ANTIMICROSOMAL ANTIBODY (see Thyroid Antibodies)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTIMITOCHONDRIAL AB (see Mitochondrial Antibody)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTI-MULLERIAN HORMONE</td>
<td>MULLER</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM FROM AN SST TUBE - FROZEN Specimen Handling: Centrifuge and transfer serum to plastic vial.</td>
</tr>
</tbody>
</table>
### ANTINUCLEAR ANTIBODY TITER

**Test Name:** ANTINUCLEAR ANTIBODY TITER  
**Test ID:** ANAT  
**Synonyms:** ANA titer.  
**Test Includes:** ANA titer and pattern.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done M - F. Results available within 1 day.  
**Specimen Type:** Serum  
  **Volume:** 1 - 2 mL  
  **Container:** 7 mL SST  
**Specimen Handling:** Avoid hemolysis.

### ANTINUCLEAR ANTIBODY, BODY FLUID

**Test Name:** ANTINUCLEAR ANTIBODY, BODY FLUID  
**Test ID:** ANAB  
**Test Includes:** ANA screen with titer and pattern if positive.  
**Testing Facility:** Aultman Laboratory  
**Specimen Type:** Body fluid  
  **Volume:** 1 mL - REFRIGERATED  
**Additional Information:** CSF IS NOT ACCEPTABLE

### ANTINUCLEAR ANTIBODY, SERUM

**Test Name:** ANTINUCLEAR ANTIBODY, SERUM  
**Test ID:** ANA  
**Synonyms:** FANA, ANA.  
**Test Includes:** ANA screen with titer and pattern if positive.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done M - F. Results available within 1 day.  
**Specimen Type:** Serum  
  **Volume:** 1 - 2 mL  
  **Container:** 7 mL SST  
**Specimen Handling:** Avoid hemolysis.
Test Name: ANTI-THROMBIN III
Test ID: AT3
Synonyms: Anti-thrombin III activity.
Testing Facility: Aultman Laboratory
Turnaround Time: Batched; ran on Tuesday’s
Specimen Type: Plasma (citrated).
  Volume: 2 mL.
  Container: 2 FULL blue top tube (must be full)
Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively, may be drawn at Aultman Outpatient Department.

Test Name: ANTI-YO (PURKINJE)
Test ID: ANTIYO
Testing Facility: Reference Laboratory
Container: RED TOP PREFERRED, SST ACCEPTABLE
Specimen Handling: SERUM 1 ML - REFRIGERATED
  Separate serum from cells and transfer to separate container
Additional Information: POSITIVES WILL REFLEX; OVERNIGHT FASTING PREFERRED

Test Name: APC RESISTANCE
Test ID: APCV
Additional Information: Factor V Leiden. This is the screening test for Factor V Leiden. Positive screens will be sent to a reference lab for PCR testing per physician approval.
Testing Facility: Aultman Laboratory
Turnaround Time: Test batched and performed once per week.
Specimen Type: Plasma from 3.2% Sodium Citrate and whole blood EDTA.
  Volume: 3 ml
  Container: 2 full blue top tubes, 1 lavender tube.
Specimen Handling: Whole blood. Keep all tubes at room temperature. Do not refrigerate. Blood must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Department.

Test Name: APCA (See Parietal Cell Antibody)
Test Name: APOLIPOPROTEIN A1  
Test ID: APOA  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM FROM SST TUBE

Test Name: APOLIPOPROTEIN B  
Test ID: APOB  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML SERUM FROM SST TUBE - REFRIGERATED

Test Name: APOLIPOPROTEIN E  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 3 ML EDTA WHOLE BLOOD - REFRIGERATED  
Additional Information: SEE ADMARK APOE

Test Name: APTT  
Test ID: APTT  
Synonym: Clotting time.  
Test Includes: Dosing information supplied by nursing.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Urgent/STAT: 45 minutes; routine: 3 hours.  
Specimen Type: Plasma (citrated).  
Volume: 2 mL.  
Container: 1 FULL blue top tube (MUST be full).  
Specimen Handling: Non-heparinized patients: Testing must be done within 4 hours after collection in Aultman Lab; alternatively may be drawn in Aultman Outpatient Department.  
Heparinized patients: Specimen must be processed in Aultman Coagulation Department within 1 hour of collection.
### Aultman Hospital Laboratory Test Directory

<table>
<thead>
<tr>
<th>Test Name: APTT, 50-50 MIXING STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: APTTM</td>
</tr>
<tr>
<td>Test Includes: Dosing information supplied by nursing, APTT.</td>
</tr>
<tr>
<td>Testing Facility: Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time: Urgent/STAT: 45 minutes; routine: 3 hours.</td>
</tr>
<tr>
<td>Specimen Type: Plasma (citrated).</td>
</tr>
<tr>
<td>Volume: 2 mL.</td>
</tr>
<tr>
<td>Container: 5 mL blue top tube (MUST be full).</td>
</tr>
<tr>
<td>Specimen Handling: Testing must be done within 4 hours after collection in Aultman Lab; alternatively may be drawn in Aultman Outpatient Department.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ARBOVIRUS AB – CSF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: MISCNB</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory - Mayo</td>
</tr>
<tr>
<td>Specimen Type: 1 ML CSF - REFRIGERATED</td>
</tr>
<tr>
<td>Additional Information: INCLUDES IGG AND IGM FOR 4 ARBOVIRUSES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ARBOVIRUS AB – SERUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: MISC</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory - Mayo</td>
</tr>
<tr>
<td>Specimen Type: 1 ML SERUM FROM SST TUBE - REFRIGERATED</td>
</tr>
<tr>
<td>Additional Information: PLAIN RED TOP TUBE ALSO ACCEPTABLE; INCLUDES IGG AND IGM FOR 4 ARBOVIRUSES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ARSENIC, 24 HOUR URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: UARSND</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling: 15 ML URINE FROM 24 HR COLL. - REFRIGERATED</td>
</tr>
<tr>
<td>Additional Information: DIETARY RESTRICTIONS; POUR INTO METAL FREE ALIQUOT TUBE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: ARSENIC, RANDOM URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: MISC</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling: URINE 7ML - REF</td>
</tr>
<tr>
<td>Additional Information: PATIENT SHOULD REFRAIN FROM EATING SHELLFISH, LOBSTER, SHRIMP, LOBSTER, FLOUNDER</td>
</tr>
</tbody>
</table>
Test Name: ARSENIC, BLOOD  
Test ID: ASB  
Testing Facility: Reference Laboratory  
Specimen Handling: 7 ML WHOLE BLOOD (DARK BLUE TUBE WITH ADDITIVE) – ROOM TEMP  
Additional Information: DK BLUE TOP TUBE / WITH ADDITIVE

Test Name: ASHKENAZI JEWISH PANEL  
Test ID: AJPWO  
Testing Facility: Reference Laboratory  
Specimen Handling: 3 ML EDTA WHOLE BLOOD (PURPLE TOP) - REFRIGERATE  
Additional Information: (8 TESTS) INDICATE ETHNICITY OF PATIENT

Test Name: ASMA (see Smooth Muscle Antibody)

Test Name: ASO  
Test ID: ASO  
Synonyms: Anti streptolysin O.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available same day.  
Specimen Type: Serum or Plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL.  
Container: SST or Plasma lithium heparin.  
Specimen Handling: Avoid lipemia. Refrigerate, after 72 hours freeze.

Test Name: ASPERGILLUS ANTIBODIES  
Test ID: ASPER  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM FROM SST TUBE – REFRIGERATED

Test Name: ASPERGILLUS ANTIGEN, SERUM (GALACTOMANNON)  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Type: 1 ML SERUM – REFRIGERATED  
Additional Information: SPIN DOWN SST TUBE, BUT DO NOT SEPARATE FROM SERUM. LEAVE IN ORIGINAL TUBE
Test Name: AST (SGOT)
Test ID: AST
Synonyms: SGOT, aspartate transferase.
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available within 1 day.
Specimen Type: Serum or plasma lithium heparin
Volume: 1 mL.
Container: SST. Also acceptable plasma lithium heparin – Separate from cells within 2 hours of collection.
Specimen Handling: Avoid hemolysis
Storage: Refrigerate.

Test Name: B. PERTUSSIS PCR
Test ID: MISCNB
Testing Facility: Reference Laboratory
Specimen Handling: SWAB IN UTM

Test Name: BABESIA MICROTI ANTIBODIES (IgG, IgM), IFA
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Type: Serum
Volume: 1 mL
Container: SST tube
Specimen Handling: Centrifuge and Refrigerate

Test Name: BARBITURATES CONFIRMATION, URINE
Test ID: UBARBC
Testing Facility: Reference Laboratory
Specimen Handling: 10 mL urine, refrigerated

Test Name: BARTONELLA AB
Test ID: CAT
Test Includes: B. HENSELAE AND B. QUINTANA IGG AND IGM
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - REF
<table>
<thead>
<tr>
<th>Test Name: BASIC METABOLIC PANEL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> BMP</td>
<td></td>
</tr>
<tr>
<td><strong>Test Includes:</strong> Glu, Na, K, Cl, CO2, lyte balance, BUN, creat, b/c ratio, calcium, GFR</td>
<td></td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Aultman Laboratory</td>
<td></td>
</tr>
<tr>
<td><strong>Turnaround Time:</strong> Done 7 days/wk, 24 hrs/day. Results available the same day.</td>
<td></td>
</tr>
<tr>
<td><strong>Specimen Type:</strong> Serum.</td>
<td></td>
</tr>
<tr>
<td><strong>Volume:</strong> 2 - 4 mL.</td>
<td></td>
</tr>
<tr>
<td><strong>Container:</strong> 7 mL SST.</td>
<td></td>
</tr>
<tr>
<td><strong>Alternative Specimen:</strong> Plasma from a lithium heparin tube, separate from cells within 2 hours of collection.</td>
<td></td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> Avoid hemolysis. Separate serum from cells within 2 hours of collection.</td>
<td></td>
</tr>
<tr>
<td><strong>Storage:</strong> Refrigerate.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: BATH SALTS  (MEPHEDRONE) URINE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> MISC</td>
<td></td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> 10 ML RANDOM URINE</td>
<td></td>
</tr>
<tr>
<td><strong>Additional Information:</strong> REFRIGERATED</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: B-CELL GENE REARRANGEMENT, PCR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> BCBMD</td>
<td></td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> EDTA WHOLE BLOOD 5ML -REF</td>
<td></td>
</tr>
<tr>
<td><strong>Additional Information:</strong> BONE MARROW ALSO ACCEPTED</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Test Name: BCR/ABL FISH TESTING</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> BCRFSH</td>
<td></td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> 10ML NA HEPARIN TUBE AND 10ML EDTA LAV-WHOLE BLOOD - ROOM TEMP BONE MARROW ALSO ACCEPTED</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Test Name: BCR/ABL P190 QUANT PCR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> 190PCR</td>
<td></td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td><strong>Volume:</strong> 10 ML EDTA WHOLE BLOOD -REF</td>
<td></td>
</tr>
<tr>
<td><strong>Additional Information:</strong> BONE MARROW ALSO ACCEPTED</td>
<td></td>
</tr>
</tbody>
</table>
Test Name: BCR/ABL P210 QUANT, PCR  
Test ID: BCRPCR  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML EDTA WHOLE BLOOD - REF  
Additional Information: BONE MARROW ALSO ACCEPTED

Test Name: BETA 2 GLYCOPROTEIN I  
Test ID: B2GPI  
Testing Facility: Reference Laboratory  
Specimen Type: SERUM FROM AN SST TUBE  
Volume: 1 ML  
Specimen Handling: REFRIGERATE

Test Name: BETA 2 GLYCOPROTEIN IGG & IGM  
Test ID: B2GPGM  
Testing Facility: Reference Laboratory  
Volume: 3 ML SERUM  
Container: SST  
Storage: REFRIGERATED

Test Name: BETA 2 MICROGLOBULIN  
Test ID: B2M  
Synonyms: B2 Microglobulin, B2M.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7days/wk, 24hrs/day. Results available same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 2 mL.  
Container: SST or plasma lithium heparin.

Test Name: BETA CAROTENE  
Test ID: CAROT  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML SERUM – FROZEN PROTECT FROM LIGHT POUR IN AMBER TUBE  
Additional Information: FASTING PREFERRED/SPIN DOWN ASAP/ PROTECT FROM LIGHT
## Test Name: BETA STREP CULTURE ONLY

**Test ID:** BSO  
**Synonyms:** Group A Beta Strep by culture.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily 0700 - 2400. Results available in 2 days.  

### Specimen Collection
1. Using a tongue blade, depress the tongue so the back of the throat is clearly visible.  

### Transfer Instructions
2. Without getting buccal or tongue contamination, insert the culturette to the back of the throat and swab both tonsillar areas, the posterior pharynx and any area of inflammation, ulceration or exudation. A good gag reflex indicates a satisfactory specimen.  
3. Return swabs to culturette sheath.  

**Specimen Type:** Throat swab.  
**Volume:** 1 culturette (2 swabs)  
**Container:** Culturette.  
**Specimen Handling:** Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Refrigerate

---

## Test Name: BETA-2 GLYCOPROTEIN 1, IGA

**Test ID:** BETAA  
**Testing Facility:** Reference Laboratory  
**Volume:** 1 ML SERUM-REF  
**Storage:** REFRIGERATED

---

## Test Name: BETA-2-TRANSFERRIN

**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 0.5 ML BODY FLUID (NASAL,OTIC ETC)  
**Additional Information:** FREEZE ASAP; DO NOT REJECT ANY VOLUME

---

## Test Name: B-HYDROXYBUTYRATE

**Test ID:** BHB  
**Synonyms:** Serum Ketones  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily  
**Volume:** 1 mL  
**Container:** 4mL Li Heparin green top tube preferred; SST acceptable
Test Name: BILE ACIDS, FRACTIONATED  
Test ID: BILE  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 1 ML - REF  
Additional Information: OVERNIGHT FASTING PREFERRED

Test Name: BILIRUBIN, DIRECT, ADULT OR INFANT  
Test ID: BILAD  
Synonyms: Conjugated bilirubin  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
  Volume: 1 mL.  
  Container: SST or plasma lithium heparin  
Specimen Handling: Avoid hemolysis. Protect specimen from light.  
  Storage: Refrigerate.

Test Name: BILIRUBIN, INDIRECT PANEL  
Test ID: BILAI  
Synonyms: Unconjugated bilirubin  
Test Includes: Total, direct and indirect bilirubin.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
  Volume: 1 mL.  
  Container: SST or plasma lithium heparin  
Specimen Handling: Avoid hemolysis. Protect specimen from light.  
  Storage: Refrigerate

Test Name: BILIRUBIN, TOTAL, ADULT OR INFANT  
Test ID: BILT  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
  Volume: 1 mL.  
  Container: SST or plasma lithium heparin  
Specimen Handling: Avoid hemolysis. Protect specimen from light.  
  Storage: Refrigerate.
Aultman Hospital Laboratory Test Directory

Test Name: BILIRUBIN, URINE DIPSTICK
Test ID: BILUA
Synonyms: Urine bilirubin.
Test Includes: Dipstick for urine bilirubin.
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.
Specimen Type: Random urine.
  Volume: 2 mL.
  Container: Plastic urine tube. Refrigerate or keep on ice.

Test Name: BIOAVAILABLE TESTOSTERONE
Test ID: BTESTO
Test Includes: Total Testosterone, Bioavailable testosterone and SHBG (Free testosterone calculated)
Testing Facility: Reference Laboratory
Specimen Handling: 3ML SERUM - SST - REF
Additional Information: Centrifuge and transfer serum to plastic vial.

Test Name: BIOPSY
Testing Facility: Aultman Laboratory
Turnaround Time: Monday - Saturday, 2 working days. Small biopsies should be received by 4:00pm M-F, 12:00pm Saturday. Large Biopsies should be received by 12:00pm M-F, 10:30am Saturday.
Precollection Instructions: Use Tissue Examination Request (form 23A). If the surgeon is different than the requesting physician, write the surgeon's name on the request. Include the clinical diagnosis.
Specimen Collection / Take specimen to Histology Department. After Histology is closed, take specimen to Microbiology.
Transfer Instructions:
  Container: 10% Formalin Biopsy bottles are available in the Histology Department during department hours. After hours, biopsy bottles can be obtained from the frozen section room located off the receiving area in Surgery or in Microbiology. 10% Formalin Bottles are also available though ALS Customer Service for Physician offices.
  Specimen Handling: Culture:
  If a culture is also ordered, split specimen and place part of the specimen in a sterile container for Microbiology and the rest of the specimen in 10% Formalin. If there is not enough specimen to split, do not put in formalin. Place entire specimen in a sterile container and deliver immediately to Microbiology, along with a Microbiology requisition and a Tissue Examination Request Form. If coming from a physician office and not in 10% Formalin, you must call the customer service department for a stat pick-up. The specimen needs to be delivered to the lab within 2 hours.

Skin Biopsy for Immunofluorescence:
  1. Nerve, Muscle, Renal or Myocardial Biopsy.
  2. These specimens require special handling and must be done when the Pathologist and Histotechnologist are available. Call ext 33948 to schedule one of these tests.
  3. Additional Information: Store specimen at room temperature.
Test Name: BIOTINIDASE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2ML FROM SST - FROZEN
Additional Information: SEPARATE WITHIN 1 HR OF COLLECTION: WHOLE BLOOD IS NOT ACCEPTABLE

Test Name: BK VIRUS DNA QUANT PCR
Test ID: BKQUAN
Testing Facility: Reference Laboratory
Specimen Handling: EDTA PLASMA 1ML FROZEN
Additional Information: SEPARATE PLASMA FROM CELLS WITHIN 2 HRS, POUR OFF INTO A STERILE CONTAINER

Test Name: BLEEDING TIME (See Platelet Function Assay)

Test Name: BLOOD GAS ANALYSIS
Test ID: BG
Synonyms: BG, gases, blood gas, ABGs.
Test Includes: pH, pCO2, pO2, HCO3, total CO2, base excess, O2 saturation
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.
Specimen Type: Arterial blood.
Volume: 2 - 3 mL.
Container: Heparinized syringe.
Specimen Handling: Collect on ice. Bring to lab immediately.

Test Name: BLOOD, URINE DIPSTICK
Test ID: BLDUA
Synonyms: Urinary blood/hemoglobin.
Test Includes: Dipstick for urine blood/hemoglobin.
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.
Specimen Type: Random urine.
Volume: 2 mL.
Container: Plastic urine tube.
Specimen Handling: Refrigerate or keep on ice.
Test Name: BODY FLUID FOR CYTOLOGY
Testing Facility: Aultman Laboratory
Turnaround Time: Monday-Friday received by 3:00pm. 2 working days. Certain non-Gyn cases will require additional stains and will take longer.
Precollection Instructions: Use Form 308A, (Cytology Specimens) and Form 1745, (Body Fluid Worksheet). Mark the source of the specimen on the form and include any pertinent clinical information.
Specimen Collection: Deliver to the Cytology department. If Microbiology testing is also ordered, specimen is to be delivered to Microbiology first. After hours, deliver specimen to the Microbiology department.
Specimen Type: Body Fluid; Pleural, Pericardial or Peritoneal
Volume: 25 mL (Minimum: 5 mL).
   Container: Collect in a clean container. If the specimen is also for culture, container must be sterile. Large sterile 2000 mL bottles are available from Central Service.
   Specimen Handling: Refrigerate.

Test Name: BORDETELLA PERTUSSIS ANTIBODIES IGA
Test ID: BPAA
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF
Additional Information: SEE BORDETELLA PERTUSSIS IGG

Test Name: BORDETELLA PERTUSSIS ANTIBODIES IGG
Test ID: BPAG
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF

Test Name: BORRELLIA BURGDORFERI (SEE LYME ANTIBODY)

Test Name: BRAC ANALYSIS – CONTACT AKRON CHILDRENS FOR INFO – 330-543-8792

Test Name: BRAIN NATRIURETIC PEPTIDE
Test ID: BNPT
Synonyms: BNP
Testing Facility: Reference Laboratory
Specimen Type: Plasma (EDTA)
   Volume: 1 mL frozen plasma
   Container: 3 ml lav top tube.
   Specimen Handling: Separate from cells and freeze within 24 hours.
Test Name: BRONCHOSCOPY SPECIMENS

Testing Facility: Aultman Laboratory

Turnaround Time: Monday-Friday received by 3:00pm, Saturday received by 11:00am. 2 working days. Certain non-Gyn cases will require additional stains and will take longer.

Precollection Instructions: Use Form 308A, (Cytology Specimens – one per specimen) Form 1217, (Bronchoscopy Specimen Worksheet) and Form 23A for biopsies. Include the name of the Bronchscopist and the clinical diagnosis information on all requisitions.

Specimen Type: Bronchial Washing, Bronchial Brushing, Bronchial Biopsy, Transbronchial Needle Aspiration, Bronchoalveolar Lavage

Specimen Handling: Specimen Collection Procedure:

Supplies:
1. Cytology brush
2. Biopsy forceps
3. Small biopsy bottle with formalin
4. Cardboard folder for air-dried slide
5. Cytology container with preservative (plastic screw top with fixative) Pre-filled containers can be obtained from the Cytology Department.
6. Needle to retrieve the biopsy specimen from the forceps
7. Specimen labels for each container

Procedure:
1. Using a pencil, label one slide with two patient identifiers
2. After collecting the brushing sample, smear one slide. DO NOT SPRAY. This slide is for Microbiology.
3. Place the brush in the Cytology container with preservative and cut off the wire.

CONTINUED TO NEXT PAGE......

4. Place the biopsy sample in the small biopsy bottle containing formalin. If the biopsy is for culture, place the specimen in a sterile container with a small amount of saline.
5. Collect the washing or lavage in the appropriate collection container.
6. The Bronchoscopist should mark the Bronchoscopy Specimen Worksheet upon finishing the procedure.
7. Label all the specimens with two patient identifiers.
8. Place the air-dried slide in the cardboard folder.
9. Wrap the completed Tissue Requisition around the biopsy bottle and secure with a rubber band. Place all the samples and requisitions in the same container.

Additional Information: Deliver to the Cytology department. After hours, deliver specimen to the Microbiology department. Storage: Refrigerate.

Test Name: BRUCELLA ANTIBODY

Test ID: BRUC

Testing Facility: Reference Laboratory

Specimen Handling: SERUM 1 ML - REF
Test Name: BULLOUS PEMPHIGOID ANTIBODY
Test ID: MISC
Testing Facility: Reference Laboratory - Mayo
Specimen Handling: 1 ML SERUM - REFRIGERATED
Additional Information: AKA: PEMPHIGOID AB

Test Name: BUN, BODY FLUID
Test ID: BUNBF
Synonyms: Body fluid urea nitrogen.
Test Includes: Body fluid type, BUN.
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.
Specimen Type: Body fluid.
  Volume: 2 - 4 mL.
  Storage: Refrigerate.

Test Name: BUN, SERUM
Test ID: BUN
Synonyms: Blood urea nitrogen.
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
  Volume: 1 mL.
  Container: SST or plasma lithium heparin
  Storage: Refrigerate.

Test Name: BUPIVACAINE
Test ID: BUPIV
Testing Facility: Reference Laboratory
Specimen Type: SERUM-1ML
  Container: RED TOP
Specimen Handling: SEPARATE SERUM FROM CELLS AND TRANSFER TO SEPARATE CONTAINER; FREEZE
  Storage: FROZEN
Additional Information: SST UNACCEPTABLE
<table>
<thead>
<tr>
<th>Test Name: BUPRENORPHINE QUANT, URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> UQNTBU</td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
</tr>
<tr>
<td><strong>Volume:</strong> 10 ML URINE, REFRIGERATED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: BUPROPION (WELLBUTRIN)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> MISC</td>
</tr>
<tr>
<td><strong>Synonyms:</strong> Wellbutrin</td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory - Mayo</td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> SERUM 2ML PLAIN RED TOP - FROZEN Centrifuge and transfer serum to plastic vial.</td>
</tr>
<tr>
<td><strong>Additional Information:</strong> SST UNACCEPTABLE; INCLUDES BUPROPION AND METABOLITE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: C. DIFFICILE PCR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> CDPCR</td>
</tr>
<tr>
<td><strong>Test Includes:</strong> Detection of Clostridium difficile toxin B gene (tcdB) by PCR.</td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Aultman Laboratory</td>
</tr>
<tr>
<td><strong>Turnaround Time:</strong> Done twice daily. Results available in 1 day.</td>
</tr>
<tr>
<td><strong>Precollection Instructions:</strong> Collect prior to therapy if possible. Include temperature, diagnosis and therapy.</td>
</tr>
<tr>
<td><strong>Specimen Collection:</strong> 1. Avoid contamination with water, urine or paper. Do not remove specimens from toilet bowl.</td>
</tr>
<tr>
<td><strong>Transfer Instructions:</strong> Collect specimen in a clean container.</td>
</tr>
<tr>
<td><strong>Specimen Type:</strong> Liquid or soft stools only. Formed stools and swabs will be rejected. A special request must be made by the physician if the stool is not of a liquid or soft consistency. Contact Microbiology at ext. 36113.</td>
</tr>
<tr>
<td><strong>Volume:</strong> 1 gram.</td>
</tr>
<tr>
<td><strong>Container:</strong> Clean container with a tight-fitting lid.</td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Refrigerate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: C1 ESTERASE INHIBITOR FUNCTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> C1EFUN</td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> 1 ML SERUM - SST - FROZEN Centrifuge and transfer serum to plastic vial.</td>
</tr>
<tr>
<td><strong>Additional Information:</strong> MUST BE DRAWN AT THE MAIN HOSPITAL, SST UNACCEPTABLE; FREEZE WITHIN 1 HR OF DRAW; DO NOT THAW</td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Synonyms</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1Q BINDING</td>
<td>COMC1Q</td>
<td>C1Q COMPLEMENT PROTEIN</td>
<td>Reference Laboratory</td>
<td>1 ML PLASMA - EDTA - FROZEN</td>
</tr>
<tr>
<td>CA 125 TUMOR MARKER</td>
<td>CA125</td>
<td>Cancer antigen 125</td>
<td>Aultman Laboratory</td>
<td>7 mL SST</td>
</tr>
<tr>
<td>CA 15-3</td>
<td>CA15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA 19-9</td>
<td>CA19</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Test Name: CA 27-29  
Test ID: CA27  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week. 24 hrs/day. Results available same day.  
Specimen Type: Serum  
  Volume: 1 mL  
  Container: 7 mL SST  
  Storage: Refrigerate

Test Name: CADISIL  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML EDTA WHOLE BLOOD  
Additional Information: ROOM TEMPERATURE

Test Name: CADMIUM 24 HR URINE  
Test ID: URCAD  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML URINE FROM A 24 HR COLLECTION - REF  
Additional Information: REFRAIN FROM EATING SEAFOOD FOR 72 HRS BEFORE COLLECTION. NO PRESERVATIVE

Test Name: CADMIUM, BLOOD  
Test ID: CADM  
Testing Facility: Reference Laboratory  
Specimen Handling: 7 ML WHOLE BLOOD FROM METAL FREE TUBE WITH ADDITIVE  
Additional Information: REFRAIN FROM EATING SEAFOOD FOR 72 HRS. REFRIGERATE

Test Name: CAFFEINE  
Test ID: CAFF  
Testing Facility: Reference Laboratory - Mayo  
Specimen Handling: SST SERUM .5ML- FROZEN

Test Name: CAH (21-HYDROXYLASE DEFICIENCY)  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: EDTA WHOLE BLOOD 5 ML - ROOM TEMP
### Test Name: CALCITONIN
- **Test ID:** CALCIT
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SST SERUM 1 ML - REF
- **Additional Information:** OVERNIGHT FASTING PREFERRED

### Test Name: CALCIUM, 24 HOUR URINE
- **Test ID:** CAU24
- **Test Includes:** Collection time, volume, creatinine, calcium
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** Results available the same day if the specimen is received by 1000
- **Precollection Instructions:** See 24-hr Urine Collection Instructions
- **Specimen Type:** 24-hr urine
  - **Volume:** Submit entire collection to lab
  - **Container:** Obtain collection container from lab
- **Specimen Handling:** Collect on ice
- **Storage:** Refrigerate.

### Test Name: CALCIUM, IONIZED
- **Test ID:** CAION
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** Done 7 days/wk, 24 hrs/day  Results available the same day
- **Specimen Type:** Whole blood (heparinized)
  - **Volume:** Tube must be full
  - **Container:** 2 mL or 4 mL green top tube
- **Specimen Handling:** Draw specimen without tourniquet and without introducing air into specimen. Place specimen on ice. Specimen will be corrected for pH changes when analyzed but must be received within 8 hrs. TUBE MUST BE FULL.
- **Storage:** Refrigerate.

### Test Name: CALCIUM, RANDOM URINE
- **Test ID:** CAUR
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** Done 7 days/wk, 24 hrs/day  Results available the same day
- **Specimen Type:** Random urine
  - **Volume:** 2 - 4 mL
  - **Container:** Urine tube
- **Storage:** Refrigerate.
Test Name: CALCIUM, SERUM  
Test ID: CA  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or plasma lithium heparin  
Storage: Refrigerate.

Test Name: CALPROTECTIN  
Test ID: CALPRO  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 GRAM UNPRESERVED STOOL - FROZEN  
Additional Information: COLLECT UNDILUTED SAMPLE IN CLEAN LEAKPROOF CONTAINER

Test Name: CANDIDA ANTIBODY  
Test ID: CNDAGM  
Test Includes: IGG, IGM, IGA  
Testing Facility: Reference Laboratory  
Container: SST  
Specimen Handling: SERUM 1 ML - REF

Test Name: CANDIDA IMMUNE COMPLEX  
Test ID: CNDIMM  
Testing Facility: Reference Laboratory - Quest  
Specimen Handling: 2 ML SERUM - FROZEN

Test Name: CANNABINOID CONFIRMATION, URINE  
Test ID: UTHCC  
Testing Facility: Reference Laboratory  
Volume: 10 ML URINE, REFRIGERATED

Test Name: CANNABINOIDS SCREEN, SYNTHETIC, URINE  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 5 ML RANDOM URINE - REF
<table>
<thead>
<tr>
<th>Test Name</th>
<th>CARBAMAZEPINE</th>
<th>CARBAMAZEPINE, FREE</th>
<th>CARBOHYDRATE DEF TRANSFERRIN</th>
<th>CARBOHYDRATE, URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>CARB</td>
<td>FCARB</td>
<td>CDTRAN</td>
<td>UCARB</td>
</tr>
<tr>
<td>Synonyms</td>
<td>Tegretol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Includes</td>
<td>Time of last dose, carbamazepine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Aultman Laboratory</td>
<td>Reference Laboratory</td>
<td>Reference Laboratory</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Turnaround Time</td>
<td>Done 7 days/week, 24 hours/day</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Precollection Instructions</td>
<td>Usual sampling time: trough level drawn prior (30 minutes) to next dose. A trough level approximates the lowest steady state concentration in serum between doses. Since the evening dose is often the longest dosing interval, a morning trough may be desirable but not necessary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Serum or plasma lithium heparin</td>
<td></td>
<td>Serum 1 ML - FROZEN</td>
<td>EARLY AM SPECIMEN PREFERRED.</td>
</tr>
<tr>
<td>Volume</td>
<td>1 mL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Container</td>
<td>SST/Plain red acceptable/plasma lithium heparin – Separate from cells within 2 hours of collection.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>Refrigerate.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>2 ML SERUM - PLAIN RED TOP - REF</td>
<td></td>
<td>SERUM 1 ML - FROZEN</td>
<td></td>
</tr>
<tr>
<td>Additional Information</td>
<td>Centrifuge and transfer serum to plastic vial.</td>
<td></td>
<td>FASTING IS PREFERRED</td>
<td></td>
</tr>
</tbody>
</table>
**Test Name:** CARBON DIOXIDE  
**Test ID:** CO2  
**Synonyms:** CO2  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/wk, 24 hrs/day. Results available the same day  
**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
  **Volume:** 1 mL  
  **Container:** SST or plasma  
  lithium heparin  
  **Storage:** Refrigerate.

**Test Name:** CARBON MONOXIDE  
**Test ID:** CO  
**Synonyms:** Carboxyhemoglobin  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** 2 hours  
**Precollection Instructions:** Collect on ice  
**Specimen Type:** Whole blood  
  **Volume:** 2 mL  
  **Container:** 5 mL green top tube  
**Specimen Handling:** Return to lab immediately Do not centrifuge

**Test Name:** CARBOXYHEMOGLOBIN (See Carbon Monoxide)

**Test Name:** CARDIOLIPIN ANTIBODY, IGG  
**Test ID:** CARDIG  
**Synonyms:** Anti-phospholipid antibodies  
**Testing Facility:** Reference Laboratory  
**Specimen Type:** 1 ML SERUM FROM SST - REFRIGERATED  
**Container:** SST  
**Specimen Handling:** Avoid hemolysis and refrigerate

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>CARDIOLIPIN IGA ANTIBODIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>CARDA</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>2 ML SERUM FROM SST – REFRIGERATED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>CARDIOLIPIN IGM ANTIBODIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST ID</td>
<td>CARDIM</td>
</tr>
<tr>
<td>TESTING FACILITY</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>1 ML SERUM FROM SST – REFRIGERATED</td>
</tr>
</tbody>
</table>

| Test Name                  | CARDIZEM (see Diltiazem)   |

<table>
<thead>
<tr>
<th>Test Name</th>
<th>CARNITINE FREE AND TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>CARNPL</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>1 ML EDTA PLASMA</td>
</tr>
<tr>
<td>Additional Information</td>
<td>SPIN, POUR OFF AND REFRIGERATE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>CAT SCRATCH AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>CAT</td>
</tr>
<tr>
<td>Synonyms</td>
<td>BARTONELLA AB</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>SERUM 1 ML - REF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>CATECHOLAMINES, 24 HOUR URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>URCAT2</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>10 ML FROM A 24 HR URINE COLLECTION FROM PRESERVED URINE - REF</td>
</tr>
<tr>
<td>Additional Information</td>
<td>PH &lt;3.0 WITH 6N HCL: INCLUDES EPINEPHRINE, NOREPINEPHRINE AND DOPAMINE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>CATECHOLAMINES,FRAC,PL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>MISC</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>10 ML SODIUM HEPERIN TUBE, FROZEN CRITICAL</td>
</tr>
<tr>
<td>Additional Information</td>
<td>MUST BE DONE AT THE MAIN HOSPITAL</td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATECHOLAMINES,RANDOM URINE</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>10 ML RANDOM URINE - REF</td>
<td>ACIDIFY WITH 6N HCL TO MAINTAIN PH &lt;3.0</td>
</tr>
<tr>
<td>CBC</td>
<td>CBC</td>
<td>Aultman Laboratory</td>
<td>Whole blood (EDTA)</td>
<td>Urgent 1 hour; routine: 6 hours</td>
</tr>
<tr>
<td>CBC Synonyms: Complete blood count; Test Includes: WBC, RBC, hemoglobin, hematocrit, MCV, MCH, MCHC, RDW, platelet count, automated diff. Reflexes a manual differential if warranted</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>CEA</td>
<td>CEA</td>
<td>Aultman Laboratory</td>
<td>Serum only</td>
<td>Done 7 days/wk, 24 hrs/day</td>
</tr>
<tr>
<td>CEA Synonyms: Carcinoembryonic antigen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CELIAC GENETICS</td>
<td>CELGEN</td>
<td>Reference Laboratory – Prometheus</td>
<td>3ML EDTA WHOLE BLOOD - REFRIG</td>
<td>2 - 4 mL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Container: 7 mL SST</td>
<td>Specimen Handling: Avoid hemolysis</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Storage: Refrigerate.</td>
<td></td>
</tr>
</tbody>
</table>
Test Name: CELIAC PANEL
Test ID: ENDO and GLIAD
Testing Facility: Aultman Laboratory
Specimen Type: Serum
   Volume: 3 mL
   Container: 10 mL SST
Specimen Handling: Refrigerate

Test Name: CELIAC PLUS
Test ID: CELPLU
Testing Facility: Reference Laboratory - Prometheus
Container: 1 ML SERUM AND 2 EDTA WHOLE BLOOD TUBES
Storage: REFRIGERATED

Test Name: CELIAC SEROLOGY
Test ID: CELSER
Testing Facility: Reference Laboratory - Prometheus
Specimen Handling: 2 ML SERUM – REFRIGERATED

Test Name: CELL COUNT, BODY FLUID
Test ID: BFCT
Test Includes: Fluid type and cell count. Differential is done as warranted for dialysate fluid, pleural fluid, peritoneal fluid and pericardial fluid and shunt or ventricular fluid.
Testing Facility: Aultman Laboratory
Turnaround Time: Shunt or Ventricular fluid within 1 hour. All other fluids: 4 hours.
Specimen Type: Body fluid
   Volume: 3 mL
   Container: Shunt or Ventricular fluid: sterile container. All other fluids: 5 mL lav top tube.
   Storage: Room temperature, or if > 4 hours refrigerate.

Test Name: CELL COUNT, CSF
Test ID: CSFCT
Test Includes: Fluid type, clarity and color, cell count. Differential is done for CSF fluid
Testing Facility: Aultman Laboratory
Turnaround Time: CSF: within 1 hour
Specimen Type: Body fluid
   Volume: 3 mL
   Container: Sterile container.
   Storage: Room temperature.
Test Name: CELL COUNT, SYNOVIAL FLUID  
Test ID: SYNCT  
Test Includes: Fluid type, clarity and color, cell count. Differential is done for all synovial fluids  
Testing Facility: Aultman Laboratory  
Turnaround Time: 4 hours  
Specimen Type: Body fluid  
  Volume: 3 mL  
  Container: 5 mL lav top tube  
  Storage: Room temperature, or if > 4 hours refrigerate.

Test Name: CENTROMERE ANTIBODY  
Test ID: MISC  
Specimen Type: Serum  
  Volume: 1 ml  
  Container: SST  
Specimen Handling: Refrigerate

Test Name: CERULOPLASMIN  
Test ID: CERUL  
Testing Facility: Aultman Laboratory  
Turnaround Time: Performed 7 days/wk, 24 hours/day. Results available same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
  Volume: 1 mL  
  Container: SST of plasma lithium heparin

Test Name: CH50 (COMPLEMENT DEFICIENCY ASSAY)  
Test ID: COMPD  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM - PLAIN RED TOP - FROZEN  
Additional Information: CENTRIFUGE WITHIN 1 HOUR OF COLLECTION. TRANSFER SERUM TO PLASTIC CONTAINER.

Test Name: CHLAMYDIA ANTIBODY  
Test ID: CHLAM  
Test Includes: C. PNEUMONIAE; C.TRACHOMATIS AND C. PSITTACI  
Testing Facility: Reference Laboratory – Mayo  
Specimen Handling: SERUM 1 ML - REF
Test Name: CHLAMYDIA PCR
Test ID: CTPCR
Test Includes: PCR test to detect C. trachomatis.
Testing Facility: Aultman Laboratory
Turnaround Time: Done M - F. Results available within 1-2 days.

Specimen Collection / Transfer Instructions:
1. Female:
   A. Remove excess mucus from the cervical os and surrounding mucosa using one of the swabs provided. Discard this swab.
   B. Insert the second swab from the collection kit 1 - 12 cm into the endocervical canal.
   C. Rotate the swab clockwise in the endocervical canal for 30 seconds to ensure adequate sampling.
   D. Withdraw the swab carefully. Avoid any contact with vaginal mucosa.
   E. Insert the swab in the transport tube. Snap off the shaft at score line or cut shaft to fit tube.
   F. Cap tube. Label with the patient’s name.
2. Male:
   A. Collect 5 mL of urine in a sterile container.
   B. Cap container. Label with the patient’s name.

Specimen Type: Endocervix, vagina, urine.
Volume: 1 Cobas PCR swab, 5mL urine.
Container: Cobas PCR transport tube. NOTE: Specimens collected using the Cobas PCR collection kit cannot be used for culture.

Specimen Handling: Deliver to Microbiology
Storage: Room temperature. In urine submitted, refrigerate urine.

---

Test Name: CHLORIDE, 24 HOUR URINE
Test ID: CLU24
Test Includes: Collection time, volume, creatinine, chloride
Testing Facility: Aultman Laboratory
Turnaround Time: Results available the same day if specimen received by 1000

Precollection Instructions: See 24-hr Urine Collection Instructions

Specimen Type: 24-hr urine
Volume: Send entire collection to lab
Container: Obtain collection container from lab
Specimen Handling: Collect on ice. No preservatives
Test Name: CHLORIDE, BODY FLUID
Test ID: CLBF
Test Includes: Body fluid type, chloride
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day
Specimen Type: Body fluid
Volume: 2 - 4 mL

Test Name: CHLORIDE, CSF
Test ID: CLCSF
Test Includes: Body fluid type, chloride
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day
Specimen Type: CSF
Volume: 2 - 4 mL

Test Name: CHLORIDE, RANDOM URINE
Test ID: CLUR
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day
Specimen Type: Random urine
Volume: 2 - 4 mL
Container: Plastic urine tube

Test Name: CHLORIDE, SERUM
Test ID: CL
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
Volume: 1 mL
Container: SST or plasma,
Storage: Refrigerate.
Test Name: CHOLESTEROL, SERUM  
Test ID: CHOL  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or plasma lithium heparin  
Storage: Refrigerate.

Test Name: CHROMIUM, SERUM  
Test ID: CHRSER  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML SERUM FROM DARK BLUE TUBE WITH NO ADDITIVE – ROOM TEMPERATURE  
Additional Information: Pour off in metal free tube.

Test Name: CHROMIUM, 24 HR URINE  
Test ID: UCHRO  
Testing Facility: Reference Laboratory  
Specimen Handling: 4 ML ALIQUOT FROM A 24 HR URINE - REFRIGERATE  
Additional Information: NO PRESERVATIVES

Test Name: CHROMOGRANIN A  
Test ID: CHROMA  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 1 ML - REF  
Additional Information: REJECT IF HEMOLYZED

Test Name: CHROMOSOME STUDIES - BLOOD  
Test ID: CGBKC; SEND OUTS TO ORDER  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML NA HEPARIN WHOLE BLOOD - RM TEMP  
Additional Information: AKA: KARYOTYPE - GIVE ALL PAPERWORK TO SEND OUTS

Test Name: CHROMOSOME STUDIES - BONE MARROW  
Test ID: SEND OUTS TO ORDER  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML GREEN TOP TUBE (NA HEPARIN) ROOM TEMP  
Additional Information: COPY ORDER AND GIVE TO SEND OUTS
Test Name: CHROMOSOME STUDIES - TISSUE  
Test ID: MISCNB ; SEND OUTS TO ORDER  
Testing Facility: Reference Laboratory  
Specimen Handling: SAMPLE COLLECTED IN HISTO - PUT IN MEDIA BY GROSS ROOM  
Additional Information: KEEP REFRIGERATED

Test Name: CHROMOSOME STUDIES PRENATAL FISH STUDIES  
Test ID: SEND OUTS TO ORDER  
Testing Facility: Reference Laboratory  
Specimen Handling: AMNIOTIC FLUID - 2 TUBES  
Additional Information: GIVE PAPERWORK TO SEND OUTS

Test Name: CHRONIC EBV  
Test ID: EBVCH  
Test Includes: EARLY AND NUCLEAR ANTIGEN  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 3 ML - REF

Test Name: CIRCULATING LUPUS ANTICOAGULANTS  
Test ID: CIRAN  
Synonyms: Circulating anticoagulant, lupus anticoagulant, lupus antibody, DRVVT Screen & Confirm, DRVVT Screen with reflex testing.  
Test Includes: Platelet neutralization, circulating antibodies  
Testing Facility: Aultman Laboratory  
Turnaround Time: Batched and done on Tuesday  
Specimen Type: Citrated plasma  
Volume: 4 mL  
Container: (3) 5ml blue top tubes (MUST be full)  
Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Lab

Test Name: CITRATE, 24 HR UR  
Test ID: CITU  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML URINE FROM A 24 HR COLLECTION - REF  
Additional Information: NO PRESERVATIVES
Test Name: CITRATE, RANDOM URINE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 10ML URINE - REF
Additional Information: NO PRESERVATIVES

Test Name: CJD, CSF
Test ID: MISCNB
Testing Facility: Reference Laboratory
Specimen Handling: CSF 1 ML - FROZEN ASAP
Additional Information: AKA: CREUTZFELDT-JAKOB DISEASE

Test Name: CK ISOENZYMES
Test ID: CKISO
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - FROZEN
Additional Information: INCLUDES TOTAL CPK

Test Name: CKMB PROFILE
Test ID: CKMB
Test Includes: Total CK, CKMB, relative index
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available within 2 hours after received in lab
Specimen Type: Heparinized plasma for CKMB & CK
Volume: 1mL serum; 1 mL plasma
Container: 5 mL green top tube for CKMB
Specimen Handling: Separate from cells ASAP. Avoid hemolysis
Storage: Refrigerate.

Test Name: CLOMIPRAMINE
Test ID: CLOM
Synonyms: Anafranil
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2ML - PLAIN RED TOP - REF Centrifuge and transfer serum to plastic vial.

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Test Name: CLONAZEPAM  
Test ID: MISC  
Synonyms: Klonopin  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML SERUM - PLAIN RED TOP - REFRIGERATED  
Centrifuge and transfer serum to plastic vial.

Test Name: CLOZAPINE (CLOZARIL)  
Test ID: CLOZSP  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML SERUM FROM PLAIN RED TOP- FROZEN  
Additional Information: Centrifuge and transfer serum to plastic vial.

Test Name: CMV DNA QUAL PCR  
Test ID: MISCNB  
Testing Facility: Reference Laboratory  
Specimen Type: CSF, AMNIOTIC FLUID, TISSUE, BONE MARROW OR URINE ACCEPTABLE  
Container: Sterile Container  
Specimen Handling: FROZEN

Test Name: CMV DNA QUANT PCR  
Test ID: CMVQNT  
Testing Facility: Reference Laboratory  
Container: 2 EDTA tubes  
Specimen Handling: 1 ML EDTA PLASMA - FROZEN ASAP

Test Name: CMV ANTIBODY  
Test ID: CMV  
Synonyms: Cytomegalovirus titer  
Test Includes: CMV IgG and IgM Acute/convalescent specimens are tested if requested and if there was a CMV order in the past 2 mos  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done twice weekly Monday through Friday. Results available within 3 days  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST  
Specimen Handling: Avoid hemolysis

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**Test Name:** COAGULATION PANEL  
**Test ID:** CPAN  
**Test Includes:** APTT, protime, fibrinogen, platelet count  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** 1 hour  
**Specimen Type:** Citrated plasma and EDTA whole blood  
**Container:** 5 mL lav top tube AND 5 mL blue top tube (MUST be full)  
**Specimen Handling:** Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Lab

**Test Name:** COBALT  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** WHOLE BLOOD - METAL FREE - REF  
**Additional Information:** DK BLUE METAL FREE TUBE WITH ADDITIVE

**Test Name:** COCAINE, URINE SCREEN  
**Test ID:** COC  
**Test Includes:** Screening for cocaine  Does not include confirmation  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** 1 hour  
**Specimen Type:** Random urine  
**Volume:** 5 mL  
**Container:** Urine tube

**Test Name:** COCCIDIOIDES ANTIBODY  
**Test ID:** COCIMG  
**Test Includes:** IgG and IgM  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SST SERUM 1ML - REF

**Test Name:** COENZYME Q10  
**Test ID:** COEQ10  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 2 ML PLASMA FROM A GREEN TOP TUBE: LITHIUM OR SODIUM HEPARIN - FROZEN  
**Additional Information:** FASTING REQUIRED//AVOID HEMOLYSIS// COLLECT MON – THURSDAY ONLY REMOVE PLASMA FROM CELLS ASAP. CAN ONLY BE PERFOMED AT THE MAIN HOSPITAL
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLD AGGLUTININS</td>
<td>CAGGL</td>
<td>Reference Laboratory</td>
<td>SERUM 3 ML FROM RED TOP - ROOM TEMP</td>
<td>CLOT AT 37 DEGREES; SPIN AND SEPARATE ASAP</td>
</tr>
<tr>
<td>COLLAGEN CROSS LINKS</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>10 ML FROM A 24 HR URINE COLLECTION</td>
<td>NO PRESERVATIVES</td>
</tr>
<tr>
<td>COMPLEMENT C 1</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML FROM RED TOP - FROZEN</td>
<td>ALLOW SPECIMEN TO CLOT AT ROOM TEMPERATURE FOR 1 HOUR. CENTRIFUGE AND TRANSFER SERUM TO PLASTIC CONTAINER AND FROZEN ASAP MUST BE DONE AT THE MAIN HOSPITAL</td>
</tr>
<tr>
<td>COMPLEMENT C 2</td>
<td>COMPC2</td>
<td>Reference Laboratory</td>
<td>SST</td>
<td>SALLOW SPECIMEN TO CLOT AT ROOM TEMPERATURE FOR 1 HOUR. CENTRIFUGE AND TRANSFER SERUM TO PLASTIC CONTAINER AND FROZEN ASAP MUST BE DONE AT THE MAIN HOSPITAL</td>
</tr>
<tr>
<td>COMPLEMENT C 5</td>
<td>COMPCS5</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM - FROZEN</td>
<td>MUST BE DONE AT THE MAIN HOSPITAL</td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: COMPLEMENT C3/C4  
Test ID: C3C4A  
Synonyms: Complement studies  
Test Includes: Complement C3 and C4  
Testing Facility: Aultman Laboratory  
Turnaround Time: Performed 7 days/wk, 24 hours/day. Results available same day.  
Specimen Type: Serum only  
  Volume: 1 mL  
  Container: 7 mL SST

Test Name: COMPLEMENT C6  
Test ID: C6FUN  
Testing Facility: Reference Laboratory  
Precollection Instructions: PATIENT SHOULD BE FASTING  
Specimen Collection / COLLECT ON ICE  
  Volume: 1 ML SERUM FROZEN  
  Container: RED TOP CONTAINER  
Specimen Handling: CENTRIFUGE SPECIMEN AND REMOVE SERUM AND FREEZE ASAP  
Additional Information: MUST BE DONE AT THE MAIN HOSPITAL

Test Name: COMPLEMENT C7  
Test ID: C7FUN  
Testing Facility: Reference Laboratory  
Precollection Instructions: PATIENT SHOULD BE FASTING  
Specimen Collection / COLLECT ON ICE  
  Volume: 1 ML SERUM - FROZEN  
  Container: RED TOP  
Specimen Handling: CENTRIFUGE SPECIMEN AND REMOVE SERUM AND FREEZE ASAP  
Additional Information: MUST BE DONE AT THE MAIN HOSPITAL

Test Name: COMPLEMENT C8  
Test ID: COMPF8  
Testing Facility: Reference Laboratory  
Precollection Instructions: PATIENT SHOULD BE FASTING  
Specimen Collection / COLLECT ON ICE  
Specimen Type: 1 ML SERUM-FROZEN  
  Container: RED TOP  
Specimen Handling: CENTRIFUGE SPECIMEN AND REMOVE SERUM AND FREEZE ASAP  
Additional Information: MUST BE DONE AT THE MAIN HOSPITAL

The information contained in this Directory is provided only as general information and is subject to change without notice.
**Test Name:** COMPREHENSIVE AUTOIMMUNE PANEL (See Lupus Analyzer)

**Test Includes:** Antinuclear Antibody, ENA Panel, SCL-70 Ab, Microsomal Ab, Complement C3/C4, Rheumatoid Factor, Mitochondrial Ab, Parietal Cell Ab, Ribosomal Ab, Smooth Muscle Ab, Cyclic Citrullinated Peptide

**Testing Facility:** Aultman Laboratory

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**Test Name:** COMPREHENSIVE METABOLIC PANEL

**Test ID:** CMP

**Test Includes:** Glu, Na K, Cl, BUN, creat, b/c ratio, calcium, protein, albumin, globulin, a/g ratio, total bili, alk phos, AST

**Testing Facility:** Aultman Laboratory

**Turnaround Time:** Done 7 days/wk, 24 hrs/day. Results available the same day

**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.

**Volume:** 2-4 mL

**Container:** SST or plasma lithium heparin

**Specimen Handling:** Avoid hemolysis. Separate from cells within 2 hours

**Storage:** Refrigerate.
Test Name: CONVENTIONAL PAP SMEAR
Testing Facility: Aultman Laboratory
Turnaround Time: Monday-Friday received by 3:00pm. 4 working days. Abnormal PAP smear results take longer pending Pathologist review.

Precollection Instructions: Requisition: In-patient Pap smears should be ordered in Cerner. Use the source “Pap smear”.
The Cerner requisition will accompany the slides to Cytology. Out-patients are ordered on paper requisitions, Cytology Specimen Req. Form 308A.

Specimen Collection / Diagnostic accuracy is dependent on factors such as the site from which the specimen is obtained, Transfer Instructions: the conditions under which the specimen is obtained (i.e. menstruation, lubricant contamination, glove powder contamination), and the technique used to obtain the sample.

Materials need to obtain a conventional pap smear:
1. Cytology requisition Form 308A for out-patients
2. Cerner requisition for in-patients
3. Vaginal speculum
4. Bottle of spray fixative (can be obtained from Cytology Dept., McKinley 374)
5. Pink frosted-end slides
6. Lead pencil to write two patient identifiers and source on the label-end.

Cytology requisition Form 308A, cardboard folders and specimen collection devices are available through ALS for physician offices. Materials for in-house patients can be obtained from Central Service.

Proper labeling of specimen slides:
Slides must be labeled with two patient identifiers and the source of the specimen (i.e. cx, endocx, vag, etc) on the frosted end of the slide. Please use lead pencil, not ink.

Please include the following information on the requisition:
1. Two patient identifiers
2. The doctor submitting the Pap smear
3. The patient’s LMP
4. Pertinent clinical history (history of abnormal bleeding, previous abnormalities, previous cancer treatments, birth control or hormone replacement, hysterectomy)
5. The date of the procedure
6. Patient’s gender

Preparation:
Before using the spray fixative, “prime” the bottle by pumping the nozzle a few times to bring the fixative into the tubing. It is extremely important that you do not let the cellular material on the slides air dry. If the nozzle is clogged, clean it with alcohol or water.

Collection procedure:
NOTE: The Pap smear collection must be performed by a physician or a nurse practitioner.

CONTINUED TO NEXT PAGE....
1. Place the patient on her back.
2. Gently insert the vaginal speculum. Warm water can be used to lubricate and warm up the speculum. Do not use lubricating jelly because this will 3. For a sample to be considered adequate, it is necessary to obtain a specimen from the endocervix and exocervix for patients with a cervix intact.
4. Exocervical samples: use either a wooden or plastic collection device to gently scrape the area.
5. Endocervical samples: The Transformation zone must be sampled by using an endocervical brush.
6. Vaginal samples can be obtained using a spatula.

Evenly spread the cellular material on all slides being submitted and spray fix immediately.

When spray fixing the slides, hold the bottle of fixative about 6-8 inches from the slide and give it 3 quick sprays. Holding the bottle too close will result in dispersing the cellular material. Holding the bottle too far away will result in air-drying.

**Specimen Handling:** Conventional Pap smears are kept at room temperature. It is not necessary to refrigerate the slides but they can be.

Place the properly labeled dried fixed glass slides in the cardboard folders. Place the cardboard folder in a biohazard bag and seal it. Place the appropriate paperwork in the pouch on the outside of the bag.

Out-patient Pap smears will be picked up and delivered by courier to Cytology.

In-patient Pap smears can be sent to Cytology via the tube system (#832) or hand-delivered directly to Cytology.

---

**Test Name:** COPPER, 24 HR UR  
**Test ID:** UCOPD  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 15 ML URINE FROM 24 HR COLL. - REF  
**Additional Information:** PUT INTO METAL FREE URINE CONTAINER

---

**Test Name:** COPPER, RANDOM URINE  
**Test ID:** UCOPR  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 7 ML RANDOM URINE - REFRIGERATED  
**Additional Information:** PUT SAMPLE INTO A METAL FREE URINE CONTAINER

---

**Test Name:** COPPER  
**Test ID:** COPPER  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML PLASMA (DARK BLUE EDTA TUBE) - REFRIGERATED  
**Additional Information:** DK BLUE METAL FREE TUBE WITH ADDITIVE
Test Name: CORTISOL, 24 HR UR
Test ID: UFRCRT
Testing Facility: Reference Laboratory
Specimen Handling: 15 ML URINE FROM A 24 HR URINE - REF
Additional Information: NO PRESERVATIVES

Test Name: CORTISOL, FREE SERUM
Test ID: FRCORT
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML SERUM - SST - REF
Additional Information: AVOID HEMOLYSIS

Test Name: CORTISOL, SALIVARY
Test ID: MISC
Testing Facility: Reference Laboratory - Mayo
Specimen Handling: SPECIAL KITS AVAILABLE IN SEND OUTS
Additional Information: PATIENT NEEDS TO FOLLOW INSTRUCTIONS IN KIT - REF

Test Name: CORTISOL, SERUM
Test ID: CORT
Testing Facility: Aultman Laboratory
Turnaround Time: Done 24 hours/day 7 days per week. Results available the same day
Specimen Type: Serum
Volume: 1 - 2 mL
Container: 7ml Plain Red top or SST.
Specimen Handling: If drawn in red top: Centrifuge and transfer serum to plastic vial.
Storage: Refrigerate.

Test Name: COVID SARS PCR Screen (AH ONLY)
Test ID: COVPCR
Test Includes: Detection of SARS-COV-2 (COVID-19)
Turnaround Time: 2 hours. Offered 24 hours a day.
Specimen Type: NPH SWAB
Container: Viral Transport Media
Storage: Refrigerate
**Test Name:** COVID/FLU/RSV PCR Screen

**Test ID:** CVFLURV

**Test Includes:** Detection of SARS-CoV-2 (COVID-19) Influenza a, Influenza B, and RSV

**Turnaround Time:** 2 hours. Offered 24 hours a day

**Specimen Type:** NPH Swab

**Container:** Viral Transport Media

**Storage:** Refrigerate

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**Test Name:** COXIELLA IGG, IGM & IGA ANTIBODIES

**Test ID:** QFEV

**Synonyms:** Q FEVER ABS

**Testing Facility:** Reference Laboratory

**Volume:** 1 ML SERUM-REF

**Container:** SST

---

**Test Name:** COXSACKIE A AB TITER

**Test ID:** COXAAB

**Testing Facility:** Reference Laboratory

**Specimen Handling:** SERUM 2 ML - REF

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**Test Name:** COXSACKIE B AB

**Test ID:** COXB

**Test Includes:** TYPES 1-6

**Testing Facility:** Reference Laboratory

**Specimen Handling:** SERUM 2 ML - REF

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**Test Name:** C-PEPTIDE

**Test ID:** CPEP

**Testing Facility:** Aultman Laboratory

**Turnaround Time:** Performed 7days/wk, 24hours/day. Results available same day.

**Precollection Instructions:** Fasting specimen

**Specimen Type:** Serum

**Volume:** 2 mL

**Container:** 10 mL red top or 7 ml SST tube

**Specimen Handling:** If drawn in red top: Centrifuge and transfer serum to plastic vial. Freeze serum.
Test Name: CPK, SERUM
Test ID: CK
Synonyms: Creatine kinase, CK
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
   Volume: 1 mL
   Container: SST or plasma lithium heparin.
Specimen Handling: Avoid hemolysis
   Storage: Refrigerate.

Test name: C-REACTIVE PROTEIN
Test ID: CRP
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available same day.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
   Volume: 1 mL
   Container: SST or Plasma Lithium Heparin

Test Name: C-REACTIVE PROTEIN, HIGH SENSITIVE
Test ID: CRPHS
Synonyms: Cardiac CRP
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days per week, 24 hours per day. Results available same day.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
   Volume: 1 mL
   Container: SST or Plasma Lithium Heparin
Specimen Handling: Centrifuge and separate serum from cells within 2 hours
   Storage: Refrigerate.
Test Name: CREATININE CLEARANCE
Test ID: CRCL
Test Includes: Collection time, volume, urine creatinine, serum creatinine, creatinine clearance
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Results available the same day if specimen received by 1000
Precollection Instructions: See 24-hr Urine Collection Instructions. Patient’s height (inches), weight (lbs) and collection period (hrs) is required
Specimen Type: 24-hr urine, serum
  Volume: Urine: submit entire collection to lab; serum: 1 mL
  Container: Urine: obtain collection container from lab; serum: 7 mL SST
Specimen Handling: Collect urine on ice. Use no preservative
Additional Information: Serum creatinine must be drawn within 24 hours of urine collection

Test Name: CREATININE, 24 HOUR URINE
Test ID: CRU24
Test Includes: Collection time, volume, creatinine
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Results available the same day if specimen is received by 1000
Precollection Instructions: See 24-hr Urine Collection Instructions
Specimen Type: 24-hr urine
  Volume: Submit entire collection to lab
  Container: Obtain collection container from lab
Specimen Handling: Collect on ice. Use no preservative

Test Name: CREATININE, BODY FLUID
Test ID: CRBF
Test Includes: Body fluid type, creatinine
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day
Specimen Type: Body fluid
  Volume: 2 - 4 mL

Test Name: CREATININE, RANDOM URINE
Test ID: CRUR
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/wk, 24 hrs/day. Results available the same day
Specimen Type: Random urine
  Volume: 2 - 4 mL
  Container: Urine tube

The information contained in this Directory is provided only as general information and is subject to change without notice.
**Test Name:** CREATININE, SERUM  
**Test ID:** CRE  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/wk, 24 hrs/day. Results available the same day  
**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
  - **Volume:** 1 mL  
  - **Container:** SST or Plasma  
  - **Lithium heparin.**  
  - **Storage:** Refrigerate.

**Test Name:** CROSSED-LINKED N -TELOPEPTIDE, SERUM (NTX)  
**Test ID:** MISC  
**Specimen Type:** 2 ml Serum  
**Storage:** Frozen

**Test Name:** CROSSED-LINKED N -TELOPEPTIDE, URINE  
**Test ID:** UNTX2  
**Test Includes:** X-Linked N-Telopeptide  
**Testing Facility:** Reference Laboratory  
**Volume:** 5 ml (2 ml min) Urine  
**Container:** Clean Container  
**Storage:** Refrigerate  
**Additional Information:** Random or from 24 hour urine collection

**Test Name:** CRYOFIBRINOGEN  
**Test ID:** CRYOFI  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 3 ML PLASMA SODIUM CITRATE - ROOM TEMP  
**Additional Information:** FASTING REQUIRED, PUT BLOOD IN 37 DEGREE WATER BATH; CENTRIFUGE IN PREWARMED CARRIERS
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Test Includes</th>
<th>Testing Facility</th>
<th>Turnaround Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRYOGLOBULIN</td>
<td>CRYO</td>
<td>This is the Qualitative test</td>
<td>Aultman Laboratory</td>
<td>Within 48 hours</td>
</tr>
<tr>
<td>Precollection Instructions:</td>
<td></td>
<td>Prewarm tube to 37C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Serum</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>5 mL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Container</td>
<td>Red top tube (DO NOT use SST)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Handling</td>
<td></td>
<td>Immediately after drawing, place tube in a cup of 37C water and return it to the lab ASAP. If drawing outside the hospital, keep tube in 37o water for one hour before centrifuging. Centrifuge and transfer serum to plastic vial Keep at room temp</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Synonyms</th>
<th>Test Includes</th>
<th>Testing Facility</th>
<th>Turnaround Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRYPTOCOCCUS ANTIGEN, CSF</td>
<td>CRYPC</td>
<td>Cryptococcal antigen, Crypto-LA</td>
<td>Latex agglutination test for Cryptococcus antigen</td>
<td>Aultman Laboratory</td>
<td>Done daily. Results available the same day</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>CSF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>0.2 mL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Container</td>
<td>CSF collection tube #3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Handling</td>
<td></td>
<td>Collect aseptically according to established procedures</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Synonyms</th>
<th>Test Includes</th>
<th>Testing Facility</th>
<th>Turnaround Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRYPTOCOCCUS ANTIGEN, SERUM</td>
<td>CRYPS</td>
<td>Cryptococcal antigen, Crypto-LA</td>
<td>Latex agglutination test for Cryptococcus antigen</td>
<td>Aultman Laboratory</td>
<td>Done daily. Results available within 24 hours</td>
</tr>
<tr>
<td>Precollection Instructions:</td>
<td></td>
<td>Fasting specimen to avoid lipemia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Serum or CSF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Container</td>
<td>Serum: 7 mL SST, CSF: Sterile tube</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CSF: Sterile tube</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Handling</td>
<td></td>
<td>Avoid hemolysis. Refrigerate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Name</td>
<td>Test ID</td>
<td>Testing Facility</td>
<td>Turnaround Time</td>
<td>Specimen Type</td>
<td>Volume</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------</td>
<td>------------------------</td>
<td>-----------------------</td>
<td>------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>CRYPTOSPORIDIUM AG SCREEN, STOOL</td>
<td>Crypt</td>
<td>Aultman Laboratory</td>
<td>48-72 HOURS</td>
<td>Refrigerate</td>
<td></td>
</tr>
<tr>
<td>CRYSTALS, BODY FLUID</td>
<td>CRYBF</td>
<td>Aultman Laboratory</td>
<td>24-48 hours</td>
<td>Synovial Fluid</td>
<td>2-4 mL</td>
</tr>
<tr>
<td>CSF IGG SYNTHESIS</td>
<td>IGGSF</td>
<td>Reference Laboratory</td>
<td></td>
<td>SERUM/CSF 2 ML EA - REF</td>
<td></td>
</tr>
<tr>
<td>C-TELOPEPTIDE BETA</td>
<td>CTELO</td>
<td>Reference Laboratory</td>
<td></td>
<td>Serum FROM SST TUBE - FROZ</td>
<td></td>
</tr>
</tbody>
</table>
Test Name: CULTURE ACID FAST

Test ID: CAF

Test Includes: Microscopic examination and culture for Mycobacteria.

Testing Facility: Aultman Laboratory

Turnaround Time: Setup M, W, F. Stain is also done STAT by request. Culture results available in 8 weeks. Results of the stain are available the same day.

Specimen Type: Sputum, stool, urine, CSF, wounds, body fluids, tissues, blood, bronch wash.

Volume: Fluids: 10 mL; wounds: 2 swabs; tissue: 1 cm.

Container: Sterile leak-proof container or double culturette.

Specimen Handling: Collection:

1. Sputum: See CULTURE RESPIRATORY, LOWER.
2. Stool: See CULTURE STOOL.
3. CSF: See CULTURE SPINAL FLUID.
4. Wounds: See CULTURE WOUND.
5. Body fluids: See CULTURE BODY FLUID.
6. Tissue: See CULTURE TISSUE.
7. Blood: See CULTURE BLOOD.
8. Urine: See CULTURE URINE.
9. Bronch wash: See CULTURE RESPIRATORY, LOWER.

Transport: Deliver to Microbiology within 2 hours of collection for inpatients.

Test Name: CULTURE BLOOD
Test ID: CBL
Test Includes: Aerobic and anaerobic culture for pathogens in the blood. Sensitivity testing is performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Results available in 5 days.

Pre-collection Instructions:
1. For a diagnosis of rule out fungus, order a routine blood culture and enter the comment Hold for fungus.
2. For Mycobacteria requests, draw 2 5mL green top vacutainers in addition to blood culture bottles.
3. Current recommendations are that 2 blood cultures be collected over a 24-hour period. If additional cultures are requested, the physician needs to order blood cultures x X, where X is the number of draws.
4. Exceptions to the recommendation of 2 blood cultures per 24-hour period are diagnoses of SBE or AIDS.
5. Blood cultures drawn by venipuncture should be collected at times 0 and 30 minutes. Blood cultures drawn by nursing personnel should be drawn at least 30 minutes apart. Do not draw multiple blood cultures from one site at the same time.

Specimen Type: Blood.
Volume: 8 - 10 mL: use aerobe bottle and anaerobe bottle; if <1 mL is collected, use aerobe bottle only; For NICU, draw 1 mL and inoculate aerobic bottle only.
Container: Blood culture bottles (aerobic and anaerobic).

Specimen Handling:
Collection:
1. Careful attention to aseptic technique is essential to prevent contamination of blood with skin flora.
2. Disinfect the top of each blood culture bottle with a 70% alcohol pad. Allow the alcohol pad to sit on the surface of the bottle top for 1 minute before removing. DO NOT use iodine, betadine or green surgical alcohol to clean blood culture bottles.
3. Apply the tourniquet. Select an appropriate venipuncture site. Release the tourniquet.
4. Pinch the wings on the Chloroprep Applicator to break ampule and release the antiseptic. Do not touch the sponge. Wet the sponge by repeatedly pressing and releasing the sponge against the treatment area until liquid is visible on the skin. Use repeated back and forth motions on the skin for 30 seconds.
5. For infants less than 2 months old, gently cleanse the area for 30 seconds using a Frepp/Sepp kit. Be careful not to apply excessive pressure.
6. Wait 30 seconds. Do NOT touch the prepped area with nonsterile objects. For NICU babies, wait 30 seconds BY THE CLOCK before proceeding.
7. Completely open the sterile syringe package. Open a needle package. Have a gauze pad available when you withdraw the needle from the vein.
8. Reapply the tourniquet.
9. Using aseptic technique, install the syringe into the needle hub. Place the syringe with needle on the sterile half of the syringe package.
10. If you are using a 10 cc syringe, withdraw 10 mL of blood (1 mL from NICU babies). Avoid air bubbles. Release the tourniquet. Use a gauze pad to cover the venipuncture site as you withdraw the needle.

CONTINUED TO THE NEXT PAGE....
11. Without changing the 32 gauge needle, inject 5 mL of blood into the aerobic culture bottle. Inject the remaining volume into the anaerobic bottle. Minimum volume per bottle is 0.5 mL, maximum volume per bottle is 5 mL. Volumes of blood <1mL should be inoculated into aerobic bottle only.

12. Wipe the top of each bottle with a 70% alcohol pad.

13. Document time of collection and initials of person collecting specimen on culture bottles. If the specimen is a port, document port type on the label and requisition.

Transport: Deliver to Microbiology within 2 hours of collection.

**Storage:** Room temperature.

---

**Test Name:** CULTURE BODY FLUID  
**Test ID:** CBF  
**Test Includes:** Gram stain, aerobic and anaerobic cultures for bacterial pathogens. Sensitivity testing performed if indicated.

**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily 0700 – 2400. Results available in 4-5 days.

**Specimen Type:** Body fluid, bone marrow aspirate, joint fluid, paracentesis fluid, pericardial fluid, pleural fluid, prostatic fluid, synovial fluid, thoracentesis fluid, suprapubic urine aspirates.

**Volume:** 10 - 20 mL. Additional volume is necessary if other tests are ordered.

**Container:** Sterile container or a syringe WITHOUT A NEEDLE. If the specimen is a bone marrow aspirate, place in SPS.

**Specimen Handling:** Collection:  
1. The specimen is usually collected by a physician using standard aseptic techniques.  
2. A body fluid worksheet is available to assist with ordering and computer entry.

Transport: Deliver to Laboratory accession area within 2 hours of collection for inpatients. Storage: Room temperature

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**Test Name:** CULTURE BONE  
**Test ID:** CBONE  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily 0700 – 2400. Results available within 7 days.

**Container:** Sterile Container, Room temperature
Test Name: CULTURE BRONCH, QUANTITATIVE  
Test ID: QBAL  
Test Includes: Gram stain and quantitative culture for potential respiratory pathogens including S. pneumoniae, H. influenzae, MRSA and gram negative bacilli. Identification and sensitivity performed if threshold is met.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily 0700 – 2400. Results available within 2 days.  
Specimen Type: Bronchoalveolar lavage, mini BAL or protected specimen brush  
Volume: 5 mL  
Container: Sterile container  
Specimen Handling: Collection: Specimen collection is performed by a trained physician. Transport: Deliver to Microbiology within 2 hours of collection. Storage: Refrigerate.

Test Name: CULTURE CATHETER TIP  
Test ID: CCATH  
Testing Facility: Aultman Hospital  
Turnaround Time: Results available in 7 days

Test Name: CULTURE CHLAMYDIA  
Test ID: CTRACH  
Testing Facility: Reference Laboratory  
Specimen Type: M4 or Universal Viral Transport. (UTM)  
Specimen Handling: Refrigerate immediately after inoculation

Test Name: CULTURE DIALYSIS FLUID  
Test ID: CDIAL  
Synonyms: Peritoneal dialysis culture.  
Test Includes: Gram stain, WBCs by leukocyte esterase, aerobic and anaerobic culture. Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily 0700 - 2400. Results available in 5 days.  
Specimen Type: Peritoneal dialysis fluid.  
Volume: 100 mL  
Container: Sterile container  
Specimen Handling: Collection: Pour off approximately 100 mL of peritoneal dialysis fluid into a sterile container. Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Room temperature.
Aultman Hospital Laboratory Test Directory

Test Name: CULTURE EAR
Test ID: CEAR
Test Includes: Bacterial pathogens routinely cultured include S. aureus, S. pneumoniae, Moraxella catarrhalis and Gram negative rods. Sensitivity testing is performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 2 days.
Specimen Type: Ear.
  Volume: 1 culturette (2 swabs).
  Container: Culturette.
Specimen Handling: Collection: Using a sterile swab from a culturette, obtain material from the area of inflammation.
  Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Refrigerate.

Test Name: CULTURE EYE
Test ID: CEYE
Test Includes: Bacterial pathogens routinely cultured include S. aureus, S. pneumoniae, Haemophilus, Neisseria and Gram negative rods. Sensitivity testing performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 2 days.
Specimen Type: Eye, conjunctiva.
  Volume: 1 culturette (2 swabs).
  Container: Culturette.
Specimen Handling: Collection: Using a sterile culturette swab, obtain the sample from the conjunctiva of the infected eye.
  Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
  Storage: Refrigerate EXCEPT when the request includes culture for N. gonorrhoeae. Then store at room temperature.
Test Name: CULTURE FUNGUS
Test ID: CFUNG
Test Includes: Stain and culture for yeast and molds.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Stain results available in 1 day. Culture results available in 4 weeks.
Specimen Type: Varies. See specimen collection instructions.
Volume: Varies. See specimen collection instructions.
   Container: Sterile container, Petri dish or culturette.
Specimen Handling: Collection:
   a. Respiratory: collect according to sputum and bronchoscopy instructions.
   b. Ear, eye, nose, throat, vagina, cervix: Use culturette.
   c. Skin: cleanse lesion with a 70% alcohol saturated pad. Air dry. Using a blade or blunt end of forceps, obtain scraping from the active border of the lesion. Place in a sterile container.
   d. Nails: clean the site with a 70% alcohol saturated pad. Collect shavings from under the nail plate into a sterile container.
   e. Hair: remove dull hairs with forceps. Place hairs in a sterile container.
   f. Bone marrow: collect in a yellow top (SPS) vacutainer tube.
   g. CSF: collect 1 mL by standard aseptic techniques.
   h. Abscess: aspirate at least 0.5 mL into a syringe.
   i. Tissue: place specimen in a sterile container with a sterile gauze pad moistened with sterile saline.
   j. Urine: collect 20 - 50 mL of the first morning void.
   k. Blood: collect 10 mL of blood according to procedure for standard blood cultures.
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
Storage: Refrigerate: Urine and respiratory specimens.
Room temperature: All other specimens.

Test Name: CULTURE FUNGUS, HAIR, SKIN AND NAILS
Test ID: CFUNG(HSN)
Testing Facility: Aultman Hospital
Turnaround Time: Weekly
Specimen Type: Skin Scrapings, Nails, Nail Shavings, Hair
Container: Sterile Cup
Specimen Handling: Room Temperature
Test Name: CULTURE GC ONLY
Test ID: CGC
Testing Includes: Culture for N. gonorrhoeae only.
Testing Facility: Aultman Laboratory
Turnaround time: Done daily 0700 - 2400. Results available in 3 days.
Specimen Type: Cervix, vagina, genital, urethral, penis, eye, throat, rectal swab.
   Volume: 1 culturette (2 swabs) or 1 NPH swab.
   Container: Culturette, NPH swab or inoculated GC media in transport bag with tablet.
Specimen Handling: Collection:
   a. Cervix, vagina, genital: See CULTURE GENITAL FEMALE.
   b. Urethra, penis: See CULTURE URETHRA.
   c. Throat: See CULTURE RESPIRATORY, UPPER.
   d. Eye: See CULTURE EYE.
   e. Rectal swab: Collect with Culturette.
      1) Remove swab from sheath.
      2) Insert through anal orifice and move from side to side.
      3) Return swab to sheath.
      Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
Storage: Room temperature.

Test Name: CULTURE HERPES
Test ID: CHER
Testing Includes: Culture for HSV 1 and 2 and/or Varicella in non-genital sources.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 6 days, except for Varicella (14 days).
Precollection Instructions: Collect specimen prior to treatment with ointment. Note in comments if Varicella virus is suspected.
Specimen Type: Fluid, lesion material, gargle.
   Volume: 1 culturette or 1 mL of fluid, 5-8 mL gargle
   Container: Culturette in M4 viral transport media or sterile container.
Specimen Handling: Collection: Collect fluid or cellular material from the base of the lesion with a culturette. Place the culturette in M4 viral transport media (VTM). M4 is available from Microbiology (x36113).
      Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
      Storage: Refrigerate.
Test Name: CULTURE LEGIONELLA  
Test ID: LEGCUL  
Test Includes: Immunofluorescent stain and culture for Legionella species.  
Testing Facility: Reference Laboratory  
Specimen Type: Tissue, biopsy, body fluid, bronch wash, bronch biopsy, tracheal aspirate, lung, lymph node, sputum.  
Volume: 2 mL.  
Container: Sterile container.  
Specimen Handling:  
   a. Tissue: see CULTURE TISSUE; 
   b. Biopsy: see CULTURE TISSUE; 
   c. Body fluid: see CULTURE BODY FLUID; 
   d. Bronch wash: see CULTURE RESPIRATORY LOWER; 
   e. Bronch biopsy: see CULTURE TISSUE; 
   f. Tracheal aspirate: see CULTURE RESPIRATORY LOWER; 
   g. Lung: see CULTURE TISSUE; 
   h. Lymph node: see CULTURE TISSUE. 
Transport: Deliver to Microbiology within 2 hours of collection for inpatients. 

Test Name: CULTURE MEDICAL DEVICE  
Test ID: CMED  
Testing Facility: Aultman Hospital  
Turnaround Time: Results available in 7 days  
Specimen Type: Surgically removed Screws, Plates, Ports, and Tubing  
Handling: Room Temperature
Test Name: CULTURE RESPIRATORY, LOWER
Test ID: CRESP
Testing Includes: Gram stain and culture for common respiratory pathogens including Staphylococcus, Streptococcus, S. pneumoniae, H. influenzae and Gram-negative bacilli. Sensitivity testing is performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 2 days.
Pre-collection Instructions: If antibiotic and culture are ordered simultaneously, hold the antibiotic until the culture has been obtained, but no longer than 2 hours
Specimen Type: Sputum, tracheal aspirate, bronch wash, bronch brush, Lukens tube.
Volume: 5 mL
Container: Sterile container.
Specimen Handling: Collection:
A. Patient should rinse mouth to minimize oral contamination. Instruct the patient to inhale repeatedly to the full capacity of his lungs and exhale the air with an expulsive cough. Do NOT collect saliva.
NOTE: Inpatient specimens showing a predominance of epithelial cells or equal amounts of epithelial cells and polys are rejected for culture. A copy of the report on rejected specimens is printed to the nursing floor as a method of notification to recollect a new specimen.
B. If the patient is unable to produce sputum within 2 hours, notify Respiratory Therapy to collect a nebulized sputum.
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
Storage: Refrigerate.
Test Name: CULTURE RESPIRATORY, UPPER
Test ID: CTHROAT
Testing Includes: Culture for common upper respiratory pathogens including S. aureus, S. pneumoniae, Group A Beta Strep and Haemophilus (if <12 years old). Sensitivity testing is performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 2 days.
Specimen Type: Throat
    Volume: 1 culturette (2 swabs) or 1 NPH swab.
    Container: Culturette or NPH culturette.
    Specimen Handling: Collection:
        a. Nasopharyngeal:
           1) Use a culturette swab to clear the nostril.
           2) Using an NPH wire swab bent close to the cotton tip, enter the nostril until resistance is met. Turn the swab downward and continue.
           3) Obtain the specimen from above the soft palate area.
           4) Return the swab to the sheath.
        b. Throat:
           1) With a tongue blade, depress the tongue so the back of the throat is clearly visible.
           2) Without getting buccal or tongue contamination, insert the culturette to the back of the throat. Swab both tonsillar areas, the posterior pharynx and any areas of inflammation, ulceration or exudation. A good gag reflex is indicative of a satisfactory specimen.
        c. Nose:
           1) Insert the tip of a culturette into the nostril until resistance is met. Gently rotate the swab and withdraw.
           2) Specimens to determine Staph carriers should be taken from the anterior nares only, not inside the nostrils.
    Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
    Storage: Refrigerate.
Aultman Hospital Laboratory Test Directory

Test Name: CULTURE SPINAL FLUID
Test ID: CCSF
Synonyms: Lumbar puncture, shunt fluid, ventricular fluid.
Test Includes: Lumbar puncture source includes gram stain and aerobic culture. Shunt and ventricular fluid sources include gram stain, aerobic and anaerobic culture. Sensitivity testing is performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Routine Gram stain results available within 8 hours; urgent/STAT within 30 minutes. Culture results available in 4 days.
Precollection Instructions: The CSF worksheet (form 360) must accompany all CSF specimens. The physician must indicate the tests requested in order of preference.
Specimen Type: Cerebrospinal fluid, shunt fluid, ventricular fluid.
Volume: 1 mL. Additional CSF will be required for each test requested (CFUNG, CAF, CRYPTC, MEPCR).
Container: Sterile body fluid tubes.

Specimen Handling: Collection: The specimen is usually collected by a physician. Transport: Deliver the specimen to Microbiology immediately and hand the specimen directly to a technologist. Between midnight and 0600, deliver specimens to a Hematology technologist. Storage: Room temperature.

Test Name: CULTURE STOOL
Test ID: CST
Testing Includes: Bacterial pathogens routinely cultured include Salmonella, Shigella and Campylobacter.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 3 days.
Precollection Instructions: Note in the order comment if the request is to include Aeromonas or Pleismonas.
Specimen Type: Stool, rectal swabs.
Volume: 1 gram or at least visible material on 1 culturette (2 swabs).
Container: Clean container with a tight-fitting lid or 1 culturette (2 swabs).
Specimen Handling: Collection: A. Stool:
1) The entire contents of the first specimen of the day is preferred.
2) Avoid contamination with water, urine, paper, barium or mineral oil. Do not remove specimens from the toilet bowl.
3) Specimens received in a diaper are not acceptable and will be rejected by Microbiology.B. Rectal swabs:
1) Remove swab from the sheath.
2) Insert through the anal orifice and move from side to side to sample crypts.
3) Return swab to the sheath
Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Refrigerate.

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: CULTURE STOOL FOR VRE
Test ID: CSVRE
Testing Facility: Aultman Laboratory
Turnaround Time: Results available in 48-72 hours
Precollection Instructions: Note in the order comment if the request is to include Aeromonas or Pleisiomonas.
   Specimen Type: Stool or rectal swabs.
   Container: Clean container with a tight-fitting lid or 1 dual culturette swab
   Specimen Handling: REFRIGERATE

Test Name: CULTURE STOOL WITH YERSINIA
Test ID: CSTY
Test Includes: Bacterial pathogens routinely cultured include Salmonella, Shigella, and Campylobacter. Yersinia is routinely done on patients ages 12 and under.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 3 days.
Precollection Instructions: Note in the order comments if the request is to include Aeromonas or Pleisiomonas.
   Specimen Type: Stool, rectal swabs.
   Volume: 1 gram or at least visible material on 2 culturettes (4 swabs).
   Container: Clean container with a tight-fitting lid or 2 culturettes (4 swabs).
   Specimen Handling: Collection: A. Stool:
      1) The entire contents of the first specimen of the day is preferred.
      2) Avoid contamination with water, urine, paper, barium or mineral oil. Do not remove specimens from the toilet bowl.
      3) Specimens received in a diaper are not acceptable and will be rejected by Microbiology.B. Rectal swabs:
         1) Remove swab from the sheath.
         2) Insert through the anal orifice and move from side to side to sample crypts.
         3) Return swab to the sheath.
   Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
   Storage: Refrigerate.
Test Name: CULTURE SURVEILLANCE
Test ID: CSURV
Testing Includes: Culture to rule out Group B Beta Strep, S. aureus, S. pneumoniae and Listeria.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 2 days.
Specimen Type: Cord, axilla.
  Volume: 1 culturette (2 swabs).
  Container: Culturette (2 swabs).
Specimen Handling: Collection:
  A. If excessive exudate is present, cleanse the area with normal saline.
  B. Enter wound with culturette swabs to obtain drainage.
  C. Return swabs to sheath.
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
Storage: Room temperature.

Test Name: CULTURE TISSUE
Test ID: CTISS
Testing Includes: Gram stain, aerobic and anaerobic culture for bacterial pathogens. Sensitivity testing will be performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 7 days.
Precollection Instructions: Specimens placed in formalin CANNOT be cultured for bacteria and are rejected by Microbiology.
Specimen Type: Tissues including lung, bronch biopsy, lymph node, autopsy, etc.
Volume: Minimal, approximately 1 cm2.
  Container: Sterile container. Do NOT place tissue in culturettes or anaerobic transport media.
Specimen Handling: Collection: Specimens are collected surgically or at autopsy. Place specimen in sterile container with sterile gauze pad moistened with sterile saline.
  Transport: Use only sterile containers to transport tissue specimens. Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Room temperature.
Test Name: CULTURE TRANSFUSION REACTION
Test ID: CTRRX
Test Includes: Gram stain and bacterial culture for transfusion reactions. Sensitivity testing is performed if indicated.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 5 days.
Specimen Type: Blood bag (post-transfusion).
  Volume: Minimum of 2 mL of blood.
  Container: Blood bag.
Specimen Handling: Collection: Blood bank will deliver the post-transfusion blood bag to Microbiology. Transport: Deliver blood bag to Microbiology IMMEDIATELY. Storage: Room temperature.

Test Name: CULTURE UREAPLASMA ONLY
Test ID: CUREA
Test Includes: Culture for Ureaplasma urealyticum. Mycoplasma hominis culture is included by request ONLY.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 5 days.
Precollection Instructions: Specify in order comment R/O Mycoplasma if indicated.
Specimen Type: Cervix, vagina, penis, urethra.
  Volume: 1 culturette or NPH swab.
  Container: Culturette or NPH swab.
Specimen Handling: Collection:
  a. Cervix/vagina: Moisten speculum with water, not lubricant. Use a double culturette to obtain specimen.
  b. Urethra/Penis: Collect specimen prior to first voided morning urine using an NPH swab inserted into the anterior urethra. Avoid contamination with external sources and skin surfaces. Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Room temperature.
**Test Name:** CULTURE URETHRA  
**Test ID:** CURET  
**Synonyms:** Gram stain and cultures for N. gonorrhoeae and Ureaplasma.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily 0700 - 2400. Gram stain results available the same day. Culture results available in 5 days.  
**Specimen Type:** Urethral or penis discharge.  
**Volume:** 2 NPH swabs.  
  **Container:** NPH swabs. Note: Gonopak Martin plates are available in Microbiology for direct inoculation in the detection of N. gonorrhoeae.  
**Specimen Handling:** Collection: (SEE NEXT PAGE)  
  A. Collect urethral discharge prior to first voided morning urine using an NPH swab inserted into the anterior urethra. Two swabs are necessary if the Gram stain is to be done.  
  B. Avoid contamination with skin surfaces.  
  Transport: Deliver to Microbiology within 2 hours of collection for inpatients.  
**Storage:** Room temperature.

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**Test Name:** CULTURE URINE  
**Test ID:** CUR  
**Test Includes:** Bacterial culture. Sensitivity testing is performed if indicated.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily 0700 - 2400. Culture results available in 2 days.  
**Precollection Instructions:** On inpatients, separate specimens for urinalysis and culture are required.  
**Specimen Type:** Urine, except for suprapubic aspirates from bladder then (order CBF).  
**Volume:** 10 mL (1 mL minimum).  
**Container:** Sterile container.  
**Specimen Handling:** Collection:  
  A. Catheter urine:  
    1) Swab catheter port with povidone iodine.  
    2) Puncture port with a needle and aspirate urine into a syringe.  
    3) DO NOT collect urine from a drainage bag.  
  B. Clean void urine:  
    1) Cleanse urinary meatus with towelettes.  
    2) Have patient void a small amount for discard.  
    3) Collect midstream urine specimen into sterile urine container.  
  Transport: Deliver to Microbiology within 2 hours of collection for inpatients.  
**Storage:** Refrigerate.
Test Name: CULTURE VIBRIO  
Test ID: CVIB  
**Testing Includes**: Culture for Vibrio species including V. cholera and V. parahemolyticus.  
**Testing Facility**: Aultman Laboratory  
**Turnaround time**: Done daily 0700 - 2400. Results available in 2 days.  
**Specimen Type**: Stool, rectal swabs.  
**Volume**: 1 gram or at least a visible specimen on 2 swabs of double culturette.  
**Container**: Clean container with a tight-fitting lid or culturette (2 swabs).  
**Specimen Handling**: Collection: A. Stool:  
1) The entire contents of the first specimen of the day is preferred.  
2) Avoid contamination with water, urine, paper, barium or mineral oil. Do not remove specimens from the toilet bowl.  
B. Rectal swabs:  
1) Remove swab from the sheath.  
2) Insert through the anal orifice and move from side to side to sample crypts.  
3) Return swab to the sheath.  
Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Refrigerate.

Test Name: CULTURE WOUND  
Test ID: CWD  
**Testing Includes**: Gram stain and culture for aerobic pathogens. Sensitivity testing will be performed if indicated.  
**Testing Facility**: Aultman Laboratory  
**Turnaround time**: Done daily 0700 - 2400. Results available in 2-3 days.  
**Specimen Type**: Abscess, boil, burn, decubitus, incision, pustule, skin, ulcer, surface wound, lesion.  
**Volume**: 1 culturette (2 swabs) or 1 mL fluid.  
**Container**: Culturette, sterile container, syringe with needle removed.  
**Specimen Handling**: Collection:  
A. Evaluate whether free fluid might be obtained deep in peripheral areas via syringe aspiration. Otherwise, collect specimen with a culturette (2 swabs).  
B. If excessive exudate is present, cleanse area with normal saline.  
C. If necessary, massage area to obtain deep exudate.  
D. Enter wounds with culturette swabs to obtain drainage.  
E. Return swabs to sheath.  
Transport: Deliver to Microbiology within 2 hours of collection for inpatients. DO NOT transport a syringe with the needle still attached. Storage: Room temperature.
**Test Name:** CULTURE WOUND DEEP PANEL  
**Test ID:** CWDP  
**Test Includes:** Anaerobic culture for bacterial pathogens. This test MUST be ordered in conjunction with an aerobic culture and gram stain (CWD). Sensitivity testing will be performed if indicated.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily 0700 - 2400. Results available in 7 days.  
**Precollection Instructions:** Anaerobic transport media MUST be used for collection. To minimize oxygen exposure, keep transport tubes in an upright position when opened.

**Specimen Type:** Abscess, appendix, Bartholin cyst, bile, boil, cyst, endometrium, gall bladder, incision, IUD, peritoneum, placenta, ulcer, uterus, deep wounds. NOTE: Anaerobes are not cultured from superficial wounds such as burns, scrapings or the perianal region where stool contamination is evident.  
**Volume:** 1 mL fluid or 1 culturette (2 swabs) AND 1 anaerobic transport tube (2 swabs).  
**Container:** Sterile container, syringe or 1 culturette (2 swabs) AND 1 anaerobic transport tube (2 swabs). Anaerobic transport media is available in Microbiology (x36374). The anaerobic culture will NOT be set up if a culturette is received without also sending anaerobic transport media.  
**Specimen Handling:** Collection: Room Temperature  
A. Evaluate whether free fluid might be obtained deep in peripheral areas via syringe aspiration. Otherwise, use a double culturette AND anaerobic transport media.  
B. If excessive exudate is present, cleanse area with normal saline.  
C. If necessary, massage area to obtain deep exudate.  
D. Enter wound with swabs to obtain drainage.  
Transport: Deliver to Microbiology within 2 hours of collection for inpatients. DO NOT transport a syringe with the needle still attached.

**Test Name:** CYCLIC CITRULLINE PEPTIDE  
**Test ID:** CCP  
**Synonyms:** CCP  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done twice weekly  
**Specimen Type:** Serum  
**Volume:** 1 mL  
**Container:** 7 mL SST  
**Specimen Handling:** Refrigerate specimen

**Test Name:** CYCLOSPORA AND ISOSPORA  
**Test ID:** MICRO TO ORDER  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 5 GRAMS OF STOOL IN 10% FORMALIN OR SAF
Aultman Hospital Laboratory Test Directory

Test Name: CYCLOSPORINE
Test ID: CYCLO
Testing Facility: Reference Laboratory
Specimen Type: Whole Blood
Volume: 2 mL minimum
Container: 2 Lav top tubes

Additional Information: CONSULT TRANSPLANT FILE BOX AND SEND ACCORDINGLY

Test Name: CYSTIC FIBROSIS DNA SCREEN WITH REQUISITIONS
Testing Facility: Reference Laboratory – Integrated Genetics
Specimen Handling: 2 LAV TOP - WHOLE BLOOD - ROOM TEMP

Additional Information: IF SPECIMEN HAS QUEST REQS ALREADY FILLED OUT, DO NOT ORDER. JUST GIVE BLOOD AND PAPERWORK TO SEND OUTS

Test Name: CYSTINE, 24 HR UR
Test ID: UCYSTD
Testing Facility: Reference Laboratory
Specimen Handling: 15 ML URINE FROM 24 HR COLL - FROZ

Additional Information: QUANTITATIVE TEST

Test Name: CYSTINE, RANDOM UR
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Type and Volume: 10 ML URINE - FROZEN

QUALITATIVE TEST

Test Name: D2 or D3 (see Vitamin D, 25-Hydroxy)

Test Name: D-DIMER
Test ID: DIMER
Testing Facility: Aultman Laboratory

Turnaround Time: Urgent/STAT: 45 minutes, Routine: 3 hours
Specimen Type: Plasma (citrated).
Volume: 3 mL
Container: 2.7mL blue top tube (MUST be full)

Specimen Handling: Must be tested within 4 hours of collection in Aultman Lab; alternatively may be drawn in Aultman Outpatient Lab.

Test Name: DELTA ALA, 24 HR URINE
Test ID: UAMINO
Testing Facility: Reference Laboratory
Specimen Handling: 10ML URINE - REF
Test Name: DELTA ALA, RANDOM URINE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 10ML URINE - REF
Additional Information: NO PRESERVATIVES

Test Name: DENGUE FEVER AB
Test ID: DENG
Test Includes: IGG AND IGM
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1ML - REF

Test Name: DEOXYCORTICOSTERONE - 11
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Type: 2 ML SERUM - SST - REF
Test Name: DEOXYPYRININOLINE (SEE DPD GENE MUTATION)

Test Name: DESIPRAMINE
Test ID: DES
Testing Facility: Reference Lab
Precollection Instructions: Specimen should be drawn just prior to next dose.
Specimen Type: 4 ml Plasma from dark blue tube with additive
Alternative specimen: 2 ml plasma from edta (purple top) tube
Specimen Handling: Centrifuge and transfer serum to plastic tube. Refrigerate.

Test Name: DEXAMETHASONE
Test ID: DEXA
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1ML-SST - REF
Additional Information: DRAW SPECIMEN BETWEEN 8-10 AM

Test Name: DEXAMETHASONE SUPPRESSION TEST
Testing Facility: Aultman Laboratory
Additional Information: DR GIVES DEXAMETHASONE BETWEEN 11 AND 12 PM. DRAW SERUM CORTISOL BETWEEN 7-9 AM NEXT MORNING

Test Name: DEXAMETHASONE SUPPRESSION, PSYCH
Synonyms: Dexamethasone suppression test used in psychiatric testing.
Test Includes: Cortisol levels measured prior to and following the administration of dexamethasone.
Testing Facility: Aultman Laboratory
Turnaround Time: Cortisols are done Monday – Friday. Results available the same day if specimen is received prior to 1:00 p.m.
Precollection Instructions: The following are the standard conditions unless modified by the physician:
1. Day 1: At 2300, give the patient 1mg Dexamethasone (oral).
2. Day 2: Draw a cortisol level at 1600 and 2300. Minor variations (~1 hour) from these times will not affect the test.
3. Each cortisol level must be ordered separately in the computer.
Specimen Type: Serum from plain red top.
Volume: 1mL for each cortisol level.
Container: 7ml SST
**Test Name:** DHEA, UNCONJUGATED  
**Test ID:** DHEAU  
**Testing Facility:** Reference Laboratory  
**Precollection Instructions:** OVERNIGHT FASTING PREFERRED  
**Specimen Handling:** SERUM 2ML - SST - REF

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**Test Name:** DHEA-SO4  
**Test ID:** DHEAS  
**Synonyms:** Dehydroepiandrosterone-sulfate. DHEA Sulfate.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7days/week, 24hours/day. Results available same day.  
**Specimen Type:** Serum or plasma lithium heparin.  
**Volume:** 1mL  
**Container:** SST or Plasma Lithium Heparin

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**Test Name:** DIAZEPAM (VALIUM)  
**Test ID:** DIAZEP  
**Synonyms:** Valium  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 3 ML - REF  
**Additional Information:** PLAIN RED TOP: Centrifuge and transfer serum to plastic vial.

---

**Test Name:** DIGITOXIN  
**Test ID:** DIGIT  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML SERUM FROM PLAIN RED TOP TUBE - REFRIGERATED  
**Additional Information:** Centrifuge and transfer serum to plastic vial.
Test Name: DIGOXIN

Test ID: DIG

Synonyms: Lanoxin

Test Includes: Time of last dose, digoxin.

Testing Facility: Aultman Laboratory

Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.

Precollection Instructions: 1. Usual sampling time: A trough level drawn prior (30 minutes) to the next dose, but at least 8 hours after the last dose.
2. If the patient has been given Digibind, digoxin levels cannot be run until the Digibind is cleared (7 - 10 days).

Specimen Type: Serum. Plain red top acceptable. Plasma lithium heparin – Separate from cells within 2 hours of collection.

Volume: 1mL


Storage: Refrigerate

---

Test Name: DIHYDROTESTOSTERONE

Test ID: DHT

Testing Facility: Reference Laboratory

Specimen Handling: 1 ML SERUM - SST - FROZEN

---

Test Name: DIPHTHERIA ANTIBODY

Test ID: DIPIGG

Testing Facility: Reference Laboratory

Container: SST

Specimen Handling: SERUM 1 ML - REF

---

Test Name: DIRECT COOMBS (see DAT)
Test Name: DIRECT COOMBS / DIRECT AHG
Test ID: DAT
Synonyms: Coombs test, Direct Coombs, Direct AHG
Test Includes: Blood Bank will reflex additional testing when positive result
Testing Facility: Aultman Laboratory
Turnaround Time: 30 minutes
Container: 6 ml pink top EDTA
Additional Information: NOTE: All specimens sent to Blood Bank for testing must have a handwritten identification label that includes the patient's first and last name, Medical Record number (Date of Birth is acceptable for Outpatients), date and time of collection and collector's initials. Specimens missing any of the elements listed above will be rejected and must be recollected.

Test Name: DIRECT LDL, CHOLESTEROL (See LDL-Cholesterol, Direct)
Testing Facility: Reference Laboratory

Test Name: DISOPYRAMIDE
Test ID: DISOP
Synonyms: Norpace
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2 ML - REF
Additional Information: PLAIN RED TOP - Centrifuge and transfer serum to plastic vial.

Test Name: DNASE-B ANTIBODY
Test ID: DNASE
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1ML - REF
Additional Information: AKA: ANTI DNASE B

Test Name: DOXEPIN
Test ID: DOX
Testing Facility: Reference Laboratory
Specimen Handling: 2ML plasma from a dark blue tube with additive
Centrifuge and transfer serum to plastic vial.
Additional Information: Alternative specimen: 2 ml plasma from EDTA (purple top) tube
Test Name: DPD GENE MUTATION ANALYSIS
Test ID: 5FU
Testing Facility: Reference Laboratory - Mayo
Specimen Handling: 5 ML EDTA WHOLE BLOOD - ROOM TEMP
Additional Information: AKA: DEOXYPYRIDINOLINE

Test Name: DRUG SCREEN, ER
Test ID: ERDS
Test Includes: Serum screened for: salicylate, acetaminophen, ethanol, tricyclic antidepressants. Urine screened for: salicylate, cannabinoid, cocaine, benzodiazepines, opiates, barbiturates, PCP, amphetamine. The screening DOES NOT include confirmation.
Testing Facility: Aultman Laboratory
Turnaround Time: Within 2 hours.
Precollection Instructions: List current known medications.
Specimen Type: Urine and serum from plain red top tube or SST or plasma lithium heparin – Separate from cells within 2 hours of collection.
Volume: Urine: 20mL, Serum: 3mL
Container: Urine: Screw top urine container, Serum: plain red top tube/SST/plasma lithium heparin

Test Name: DRUG SCREEN, MECONIUM
Test ID: MECRGR
Test Includes: Screening for drugs in meconium, including amphetamines, cocaine, marijuana, opiates and PCP.
Testing Facility: Aultman Laboratory
Turnaround Time: Sent to Reference Lab.
Specimen Type: Meconium (first stool of infant)
Volume: At least 3g
Container: Plastic sterile specimen container.
Specimen Handling: Refrigerate
Test Name: DRUG SCREEN, SERUM  
Test ID: DRUGS  
Test Includes: Screening for acetaminophen, salicylate, ethanol, tricyclic antidepressants.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available same day  
Specimen Type: SST or Plain red top or Plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 6mL  
Container: SST/Red Top/Plasma Lithium Heparin  
Specimen Handling: Centrifuge and transfer serum to plastic vial when using red top or plasma lithium heparin.

Test Name: DRUG SCREEN, URINE  
Test ID: DRUGU  
Test Includes: Screening for salicylate, cannabinoids, cocaine, benzodiazepines, opiates, barbiturates, PCP, amphetamine, propoxyphene, methadone. Also includes: pH and specific gravity. Does not include confirmation.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. Results available by 1600 if received by 0800.  
Precollection Instructions: List patient’s current medications.  
Specimen Type: Random urine  
Volume: minimum 10 mL  
Container: Screw top urine container.  
Specimen Handling: Store at 2-8 C for 24 hours. If longer than 24 hours, freeze specimen.
Test Name: E. HISTOLYTICA AB IGG
  Synonyms: EHistO
  Testing Facility: Reference Laboratory
  Specimen Handling: SERUM 1ML - REF

Test Name: EBV ANTIBODY TITER
  Test ID: EBV
  Synonyms: Epstein Barr Virus antibody titer, Mono titer.
  Test Includes: EBV IgM and IgG. Acute/convalescent specimens tested if there was an EBV order in the past 2 months.
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done twice weekly Mon through Fri. Results available within 3 days.
  Specimen Type: Serum
    Volume: 1mL
    Container: 7mL SST
  Specimen Handling: Avoid hemolysis.

Test Name: EBV DNA QUALITATIVE PCR
  Test Includes: Test No Longer Available from Reference Lab. Order EBV PCR, Quantitative
  Testing Facility: Reference Laboratory

Test Name: EBV DNA QUANTITATIVE PCR
  Test ID: EBVQNT
  Testing Facility: Reference Laboratory
  Specimen Handling: 2ML PLASMA FROM EDTA TUBE
  Additional Information: REFRIG

Test Name: EBV, CHRONIC PANEL
  Test ID: EBPNL
  Test Includes: EBV IgG and IgM and EBV nuclear antigen
  Testing Facility: Reference Lab
  Specimen Type: Serum
    Volume: Draw 2 – (5mL SST TUBES)
    Container: 10mL SST
  Specimen Handling: Avoid hemolysis. Refrigerate specimen.
**Test Name:** ECHINOCOCCUS AB  
**Test ID:** ECHI  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML SERUM - SST TUBE - REF

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**Test Name:** ECHOVIRUS ANTIBODY  
**Test ID:** ECHO  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF  
**Additional Information:** INCLUDES SEROTYPES 4,7,9,11,30

---

**Test Name:** EHRlichia Chaffeensis Antibodies (IgG, IgM)  
**Test ID:** ECHAFF  
**Testing Facility:** Reference Laboratory  
**Specimen Type:** Serum  
**Volume:** 1 mL  
**Container:** SST TUBE - REF

---

**Test Name:** ELECTROLYTES, RANDOM STOOL  
**Test ID:** MISCNB  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** STOOL - REF  
**Additional Information:** MUST BE LIQUID SPECIMEN

---

**Test Name:** ELECTROLYTES, SERUM  
**Test ID:** LYTES  
**Synonyms:** Lytes  
**Test Includes:** Sodium, potassium, chloride, CO2, electrolyte balance.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 2 – 4mL  
**Container:** SST or Plasma Lithium Heparin  
**Specimen Handling:** Avoid hemolysis. Separate from cells within 2 hours of collection.  
**Storage:** Refrigerate.
**Test Name:** ENA PANEL  
**Test ID:** ENAID  
**Synonyms:** Extractable nuclear antigen, Smith antibody, Ribonucleoprotein, Sjogrens syndrome A, Sjogrens syndrome B.  
**Test Includes:** Sm antibody, RNP antibody, SS-A antibody, SS-B antibody, Centromere Ab, Sceleroderma Ab, JO-1 Ab, Chromatin Ab  
**Testing Facility:** Reference Laboratory  
**Turnaround Time:** 1-3 days  
**Specimen Type:** Serum  
**Volume:** 2mL  
**Container:** 7mL SST  
**Specimen Handling:** Avoid hemolysis. Refrigerate serum.

**Test Name:** ENCAINIDE  
**Test ID:** ENC  
**Synonyms:** Enkaid  
**Testing Facility:** Reference Laboratory - Mayo  
**Specimen Type:** Serum  
**Volume:** 3mL  
**Container:** Red top tube (DO NOT use SST)  
**Specimen Handling:** Centrifuge and transfer serum to plastic vial. Refrigerate serum.

**Test Name:** ENDOMYSIAL ANTIBODY  
**Test ID:** ENDO  
**Synonyms:** Transglutaminase IgA, Tissue Transglutaminase  
**Test Includes:** Done twice weekly  
**Testing Facility:** Aultman Laboratory  
**Specimen Type:** Serum  
**Volume:** 1mL  
**Container:** 7mL SST  
**Specimen Handling:** Refrigerate serum.
Test Name: ENDOSCOPIC BRUSHINGS FOR CYTOLOGY
Testing Facility: Aultman Laboratory
Turnaround Time: Monday-Friday received by 3:00pm. 2 working days. Certain non-Gyn cases will require additional stains and will take longer.
Precollection Instructions: Use Form 308A, (Cytology Specimens) Mark the source of the specimen on the form and include any clinical diagnosis.
Specimen Handling: Collection:
Preferred method: Place the brush in a Cytology container with fixative. Cut off the excess wire.
Alternative method: Spread the brush on a slide and immediately spray fix the smears with Cytology fixative. Label specimen and or slides with two patient identifiers. Place the slides in a cardboard or plastic container for transport.
Transport: Deliver to the Cytology department. After hours, deliver specimen to the Microbiology department.
Storage: Refrigerate or store at room temperature.

Test Name: ENTAMOEBA HISTOLYTICA AG
Test ID: ENTEIA
Testing Facility: Reference Laboratory
Specimen Handling: STOOL FROM MICRO - FROZEN
Additional Information: MICRO WILL ORDER AND BRING TO SENDOUTS - FROZEN

Test Name: EOSINOPHIL COUNT
Test ID: EOCT
Synonyms: Absolute EO count.
Testing Facility: Aultman Laboratory
Turnaround Time: 6 hours
Specimen Type: Whole blood
Volume: 3mL
Container: 5mL lav top tube.
Storage: Room temperature, or if > 12 hours refrigerate.

Test Name: EOSINOPHIL SMEAR
Test ID: EOS
Test Includes: Specimen source, eosinophil count
Testing Facility: Aultman Laboratory
Turnaround Time: 24 – 48 hours
Specimen Type: Secretions from the nose, paranasal sinuses, trachea or bronchi, or urine.
Container: As appropriate: nasal or sputum swab, sputum container, bronchial lavage container, urine tube.
Storage: Room temperature.
Test Name: **EPIDERMAL ANTIBODY**  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2 ML - REF  
Additional Information: IF SCREEN IS POSITIVE, WILL REFLEX TO TITER

Test Name: **EPINEPHRINE (FOR EITHER PLASMA OR URINE THIS IS PART OF CATECHOLAMINES)**  
Testing Facility: Reference Laboratory

Test Name: **ERYTHROCYTE PROTOPORPHYRIN**  
Testing Facility: Reference Laboratory  
Additional Information: Test no longer available at Reference Laboratory. See Zinc Protoporphyrin

Test Name: **ERYTHROCYTE SED RATE**  
Test ID: ESR  
Synonyms: ESR, Sed Rate, WSR, Westergren Sed Rate  
Test Includes: Modified Westergren sed rate.  
Testing Facility: Aultman Laboratory  
Specimen Type: Whole blood (EDTA)  
Volume: 2 mL  
Container: 2.5 mL lav top tube.  
Storage: Sample is good stored 4 hours at room temperature, 24 hrs refrigerated

Test Name: **ERYTHROPOIETIN**  
Test ID: ERYTH  
Testing Facility: Reference Laboratory  
Precollection Instructions: Due to diurnal variation, it is recommended that specimens be collected between 7:30a and noon.  
Specimen Type: Serum  
Volume: 1 mL  
Container: SST tube  
Specimen Handling: Refrigerate

Test Name: **ESR (See Erythrocyte Sed Rate)**
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Synonyms</th>
<th>Testing Facility</th>
<th>Turnaround Time</th>
<th>Specimen Type</th>
<th>Container</th>
<th>Storage</th>
<th>Specimen Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESTRADIOL</td>
<td>E2</td>
<td>E2</td>
<td>Aultman Laboratory</td>
<td>Done daily. Results available the same day.</td>
<td>Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.</td>
<td>SST or Plasma – Lithium Heparin.</td>
<td>Refrigerate.</td>
<td></td>
</tr>
<tr>
<td>ESTRIO, TOTAL</td>
<td>ESTRIO</td>
<td></td>
<td>Reference Laboratory</td>
<td></td>
<td>1 ML SERUM - SST - REF</td>
<td></td>
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</tr>
<tr>
<td>ESTROGEN, FRACTIONATED BLOOD</td>
<td>ESTGEN</td>
<td>TOTAL ESTROGENS</td>
<td>Reference Laboratory</td>
<td>2-6 days</td>
<td>1 ml Serum – Refrigerate</td>
<td>SST</td>
<td></td>
<td>Separate serum from cells with 2 hours of collection and transfer to aliquot container. Refrigerate.</td>
</tr>
<tr>
<td>ESTRONE</td>
<td>EST</td>
<td></td>
<td>Reference Laboratory</td>
<td></td>
<td>SERUM 1ML FROM SST - REF</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Test Name: ETHANOL
Test ID: ALC
Test Includes: Ethanol only.
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available within 1 hour of receipt.
Precollection Instructions: Do not use alcohol preps or other alcohol-containing substances in pre-venipuncture preparation.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
Volume: 1mL
Container: Plain red top/SST/Plasma lithium Heparin
Specimen Handling: Keep tube sealed until testing. Separate serum from cells ASAP.
Storage: Refrigerate.

Test Name: ETHANOL, URINE
Test ID: ETOHU
Testing Facility: Aultman Hospital
Specimen Type: Random URINE 10 ml
Container: Screw top urine container.

Test Name: ETHOSUXIMIDE
Test ID: ETHOS
Synonyms: Zarontin
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - PLAIN RED TOP TUBE - REF Centrifuge and transfer serum to plastic vial.
Additional Information: EDTA PLASMA ALSO ACCEPTABLE; COLLECT PRIOR TO NEXT DOSE

Test Name: ETHYLENE GLYCOL
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF
Additional Information: STAT TO AKRON CITY TOX LAB- CALL COURIER TO TRANSPORT
Test Name: EUGLOBULIN LYSIS
Test ID: EULYS
Testing Facility: Reference Laboratory
Specimen Handling: CITRATED PLASMA 2ML - FROZEN
Additional Information: MUST BE DRAWN AT THE MAIN HOSPITAL - DOUBLE SPIN WITHIN 30 MIN AFTER COLLECTION

Test Name: EVEROLIMUS, BLOOD
Test ID: EVEROL
Testing Facility: Reference Laboratory
Specimen Handling: 2 EDTA Lavender top. Whole blood.
Storage: Refrigerated.

Test Name: F8 AG (see VonWillebrand Antigen)

Test Name: FACTOR 11
Test ID: F11
Testing Facility: Reference Laboratory
Additional Information: Must be back to the main hospital in 4 hours
Specimen Handling: 2 ML BLUE TOP PLASMA - FROZEN

Test Name: FACTOR 13 ASSAY
Test ID: FXIII
Testing Facility: Reference Laboratory
Specimen Handling: 1ML CITRATED PLASMA - FROZ
Additional Information: MUST BE DRAWN AT THE MAIN HOSPITAL

Test Name: FACTOR 5
Test ID: F5
Testing Facility: Reference Laboratory
Additional Information: Must be back to the main hospital in 4 hours
Specimen Handling: 2 ML BLUE TOP PLASMA - FROZEN
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACTOR 5 LEIDEN - APCV will be done unless order also states: Genetic, PCR, or DNA testing</td>
<td>F5LEI</td>
<td>Reference Laboratory</td>
<td>2 full 2.7 mL blue top tubes (3.2% sodium citrate), 1 full EDTA tube</td>
<td>Blood must be processed in Aultman Laboratory within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Department.</td>
</tr>
<tr>
<td>FACTOR 7</td>
<td>F7</td>
<td>Reference Laboratory</td>
<td>2 ML BLUE TOP PLASMA – FROZEN</td>
<td>Must be back to the main hospital in 4 hours</td>
</tr>
<tr>
<td>FACTOR 8 INHIBITOR BETHESDA UNITS</td>
<td>BETHDA</td>
<td>Reference Laboratory</td>
<td>2 ML BLUE TOP PLASMA – FROZEN</td>
<td>CAN BE USED FOR FACTOR 8 OR FACTOR 9 INHIBITOR BETHESDA UNITS</td>
</tr>
<tr>
<td>FACTOR 8-C ASSAY (see Factor VIII (8) Activity)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>FACTOR II GENE MUTATION (20210A) (SEE PROTHROMBIN GENE VARIANT)</td>
<td></td>
<td>Reference Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FACTOR IX</td>
<td>F9</td>
<td>Aultman Laboratory</td>
<td>Plasma (citrated)</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Volume: 5mL</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Container: 2 FULL blue top tubes (MUST be full)</td>
<td>Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Department.</td>
</tr>
<tr>
<td>Test Name: FACTOR VIII</td>
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<tr>
<td>------------------------</td>
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<tr>
<td>Test ID: F8</td>
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<tr>
<td>Testing Facility: Aultman Laboratory</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Turnaround Time: Urgent/STAT: 3 hours, Routine: Batched</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Precollection Instructions: Notify the lab (coag) if this test is to be ordered at any time other than M — F 0700 – 1530 so that adequate staffing can be provided.</td>
<td></td>
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</tr>
<tr>
<td>Specimen Type: Plasma (citrated)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume: 5mL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Container: 2 FULL blue top tube (MUST be full).</td>
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<td></td>
</tr>
<tr>
<td>Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Department.</td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: FACTOR X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: F10 ACTIVITY ; DO NOT CONFUSE WITH Anti-XA</td>
</tr>
<tr>
<td>Testing Facility: Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time: Urgent/STAT: 3 hours, Routine: batched</td>
</tr>
<tr>
<td>Specimen Type: Plasma (citrated)</td>
</tr>
<tr>
<td>Volume: 2 mL</td>
</tr>
<tr>
<td>Container: (2) FULL blue top tubes (MUST be full)</td>
</tr>
<tr>
<td>Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Department.</td>
</tr>
</tbody>
</table>

| Test Name: FACTOR XA (See Heparin Factor Xa) |

<table>
<thead>
<tr>
<th>Test Name: FAT, FECAL QUALITATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: MISCNB</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling: 10 GM RANDOM STOOL - FROZEN</td>
</tr>
<tr>
<td>Additional Information: INCLUDES FAT, MEAT FIBERS, AND STARCH</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: FAT, FECAL QUANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: FATF</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling: STOOL (ENTIRE COLLECTION) FROZEN</td>
</tr>
<tr>
<td>Additional Information: PUT IN COMMENTS 24,48 OR 72 HR COLLECTION</td>
</tr>
</tbody>
</table>
Test Name: FECAL LEUKOCYTES
Test ID: FECL2
Test Includes: Microscopic examination of stool for WBC’s.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available the same day.
Specimen Type: Stool.
   Volume: Minimum of 1 gram.
   Container: Clean container with a tight-fitting lid.
Specimen Handling: Collection:
   A) The entire contents of the first specimen of the day is preferred.
   B) Avoid contamination with water, urine, paper, barium or mineral oil. Do not remove specimens from the toilet bowl.
   C) Specimens received in a diaper are not acceptable and will be rejected by Microbiology.
Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Refrigerate.

---

Test Name: FECAL IMMUNOCULT TEST
Test ID: FIT
Testing Facility: Aultman Hospital
Turnaround Time: 7 days a week, on day shift
Specimen Handling: Feces on a FIT collection Kit or Sterile Container
Additional Information: Room Temperature stable for 14 days

---

Test Name: FELBAMATE
Test ID: FELBA
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML SERUM - PLAIN RED TOP - REF
   Centrifuge and transfer serum to plastic vial.
Additional Information: COLLECT 1 HR PRIOR TO NEXT DOSE

---

Test Name: FENTANYL, URINE
Test ID: UFENT
Testing Facility: Reference Laboratory
Volume: 10 ML URINE
Specimen Handling: REFRIGERATED
**Test Name:** FERRITIN  
**Test ID:** FERR  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily. Results available the same day.  
**Specimen Type:** Serum or Plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 1mL  
**Container:** SST or Plasma lithium heparin.  
**Specimen Handling:** Avoid hemolysis.  
**Storage:** Refrigerate.

---

**Test Name:** FETAL MATERNAL HEMORRHAGE  
**Test ID:** FMH  
**Synonyms:** Fetal Screen  
**Test Includes:** Blood Bank will reflex additional testing when positive result  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** 30 minutes  
**Container:** 6 ml pink top EDTA  
**Additional Information:** NOTE: All specimens sent to Blood Bank for testing must have a handwritten identification label that includes the patient’s first and last name, Medical Record number (Date of Birth is acceptable for Outpatients), date and time of collection and collector’s initials. Specimens missing any of the elements listed above will be rejected and must be recollected.

---

**Test Name:** FIBRINOGEN  
**Test ID:** FIB  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Urgent/STAT: 45 minutes, Routine: 3 hours  
**Specimen Type:** Plasma (citrated)  
**Volume:** 2mL  
**Container:** 5mL blue top tube (MUST be full)  
**Specimen Handling:** Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Department.

---

**Test Name:** FIBRINOGEN SPLIT PRODUCTS (see FDP)  

---

**Test Name:** FIBROSPECT II  
**Test ID:** FIBRO  
**Testing Facility:** Reference Laboratory - Prometheus  
**Specimen Handling:** 2 ML SERUM - REF
**Test Name:** FIBROSURE - HEPATITIS C VIRUS  
**Test ID:** LIVFIB  
**Synonyms:** Fibrotest-Actitest; Liver Fibrosis  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 3 mL Serum, Frozen.  
**Additional Information:** 8 hour fasting required. Patient must be ≥ 14 years old.

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**Test Name:** FINE NEEDLE ASPIRATION  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Monday-Friday received by 3:00pm. 2 working days. Certain non-Gyn cases will require additional stains and will take longer.  
**Precollection Instructions:** This procedure is performed in the Radiology Department with a Cytotechnologist and a Pathologist in attendance. These procedures are scheduled in advance through the Radiology Department. The procedures are performed Monday thru Friday from 8am-3pm. Any questions concerning these procedures may be directed to the Cytology Department.  
**Specimen Collection / Cerner requisition for In-patients. Use Form 308A (Cytology requisition) for Out-patients.**

Instructions continued to next page........
Transfer Instructions: The following information must be included on the requisition:

1. The patient’s name and medical record number (if there is one. New patients will be assigned a medical record number by the computer)
2. Patient’s birth date
3. Patient’s address, if the patient is to be billed
4. Insurance information
5. Patient’s Medicare or Medicaid number
6. The source of the specimen. Indicate the source of each specimen if there are multiple sites done during the same procedure.
7. Any pertinent clinical information
8. Indicate any other special testing to be done on this specimen. (i.e. Flow Cytometry, special stains)
9. Cerner requisitions must include a Cerner Order ID number with the source of the specimen.

Supplies:
1. Pre-filled specimen containers with Cytology Non-Gyn preservative.
2. Specimen and requisition labels
3. Aspirate needle(s)
4. Glass slides
5. Bottle of spray fixative (supplied by Cytology on request)
6. Cardboard folder(s)

Collection:
Cytology prefers the collection of any aspirates into a container with Cytology Non-Gyn preservative. Pre-filled containers will be supplied by Cytology by request from office.

*Please do not rinse the needle in the preservative until the very last pass of the needle. This preservative should not be introduced into the patient and it is not sterile.*

If the physician does not want to aspirate the specimen into preservative, smears from the aspirate can be made by aspirating the material onto a glass slide and spray fixing the slide with spray fixative. This must be done immediately after the specimen is introduced onto the glass slide to prevent airdrying. Hold the spray fixative bottle about 4 inches over the slide and give 3-4 quick squirts of spray to cover the entire area of the specimen. Let this air-dry before closing any slides in the cardboard folders. This will prevent any specimen being lost by sticking to the folder.

A preferred method is to smear a specimen sample between 2 slides and allow (1) to air dry and spray fix the other slide.

It is very important to label all slides and containers with two patient identifiers and the source of the specimen(s) especially if the physician is obtaining specimens from multiple sites.

Specimen Handling: Transport to the Lab:
Any specimens from outside offices will be picked up by an ALS courier and delivered to the Cytology Department for processing. Specimens obtained inside the hospital will be transported by lab courier, any nursing personnel or radiology staff to Cytology for processing. After hours, deliver specimen to the Microbiology department.

The information contained in this Directory is provided only as general information and is subject to change without notice.
Storage:
Specimens collected in preservative can be stored at room temperature for 2 weeks after collection. Glass slide specimens can be kept at room temperature. Either specimen can be refrigerated but it is not necessary.

Any specimen not in preservative needs to be refrigerated immediately after collection until transport to Cytology by the courier.

**Additional Information:** MSDS are available for Cytology Non-Gyn preservative by request.

<table>
<thead>
<tr>
<th>Test Name</th>
<th>FISH FOR MYELODYPLASIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>FSHMDS</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>BLOOD</td>
</tr>
<tr>
<td>Volume</td>
<td>7 ML - BLOOD</td>
</tr>
<tr>
<td>Container</td>
<td>EDTA PERFERRED</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>ROOM TEMPERATURE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>FISH PLASMA CELL MYELOMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>FSHPCM</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>BONE MARROW</td>
</tr>
<tr>
<td>Volume</td>
<td>3 ML</td>
</tr>
<tr>
<td>Container</td>
<td>EDTA</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>ROOM TEMPERATURE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>FISH, CLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>CLLFSH</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Volume</td>
<td>8 ML WHOLE EDTA BLOOD - REF</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>REFRIGERATED</td>
</tr>
</tbody>
</table>
Test Name: **FLECAINIDE**  
Test ID: FLEC  
Synonyms: Tambocor  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM - PLAIN RED TOP - REFRIG Centrifuge and transfer serum to plastic vial.  
Additional Information: DRAW 1 HR PRIOR TO NEXT DOSE

Test Name: **FLOW CYTOMETRY**  
Test ID: FLOW  
Testing Facility: Aultman Laboratory  
Turnaround Time: Specimen only good for 48 hours  
Specimen Type: Peripheral blood or bone marrow.  
Volume: 10mL  
Container: Bone marrow – 10mL green top tube (sodium heparin), Peripheral blood - 10ml Sodium Heparin and 4ml EDTA Lavender tube  
Specimen Handling: Keep specimen at room temperature. Keep in original collection tube.  
Additional Info: Testing performed Mon – Thurs 7am – 3pm  
Friday – 7am – 2 pm.

Test Name: **FLOW CYTOMETRY FOR LEUKEMIA/LYMPHOMA (PEDIATRIC)**  
TEST ID: MISC  
TESTING FACILITY: REFERENCE LAB  
CONTAINER: SODIUM HEPARIN TUBE (MIN 4 ML) – ROOM TEMPERATURE  
ADDITIONAL INFORMATION: EDTA (LAVENDER TOP) ALSO ACCEPTABLE – ROOM TEMPERATURE

Test Name: **FLUOXETINE**  
Test ID: FLUOX  
Synonyms: Prozac  
Testing Facility: Reference Laboratory  
Specimen Handling: 3 ML SERUM - PLAIN RED TOP - REFRIG Centrifuge and transfer serum to plastic vial.  
Additional Information: AKA: PROZAC - DRAW >12 HRS POST DOSE

Test Name: **FLURAZEAPAM**  
Test ID: FLUR  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2 ML - FROZEN  
Additional Information: PLAIN RED TOP - Centrifuge and transfer serum to plastic vial.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOLATE, RBC</td>
<td>FOLRBC</td>
<td>Reference Laboratory</td>
<td>EDTA WHOLE BLOOD – 2 LAVENDER TOP TUBES</td>
<td><strong>FROZEN BLOOD SHOULD BE PROTECTED FROM LIGHT DURING AND AFTER COLLECTION:</strong> TRANSFER TO AMBER SEND OUT TUBE FOR THE FROZEN SAMPLE; REGULAR SEND OUT TUBE FOR REFRIGERATED SAMPLE</td>
</tr>
<tr>
<td>FOLATE, SERUM</td>
<td>FOL</td>
<td>Aultman Laboratory</td>
<td>Serum.</td>
<td><strong>Fasting specimen is preferable.</strong></td>
</tr>
<tr>
<td>Synonyms: Folic acid</td>
<td></td>
<td></td>
<td>1mL</td>
<td><strong>Avoid hemolysis.</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7mL SST</td>
<td><strong>Refrigerate.</strong></td>
</tr>
<tr>
<td>FONDAPARINUX SODIUM (XA INHIBITION) (ARIXTRA)</td>
<td>FONDXA</td>
<td>Reference Laboratory</td>
<td>1 ML CITRATED PLASMA - FROZEN</td>
<td><strong>Must be back to main hospital in 4 hours</strong></td>
</tr>
<tr>
<td>FRACTIONATED BILIRUBIN (indirect, direct, total) (see Bilirubin, Indirect)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRAGILE X</td>
<td>FRAX</td>
<td>Reference Laboratory</td>
<td>5 ML EDTA WHOLE BLOOD - ROOM TEMP</td>
<td>COPY ORDER AND GIVE TO SEND OUTS</td>
</tr>
<tr>
<td>FREE ANDROGEN INDEX (see SHBG, Sex Hormone Binding Globulin)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Test Name: FREE KAPPA / FREE LAMBDA LIGHT CHAINS (Serum)
Test ID: KLFRS
Test Includes: Total free Kappa light chains, total free Lambda light chains and free Kappa/Lambda ratio
Testing Facility: Reference Laboratory
Specimen Type: Serum - Refrigerated
  Volume: 1 mL
  Container: 7 mL SST
Specimen Handling: Separate from cells/gel barrier, refrigerate. Avoid lipemia and hemolysis.

Test Name: FREE LIGHT CHAIN - URINE
Test ID: UFLCKL
Testing Facility: Reference Laboratory
Specimen Handling: 2ML - RANDOM URINE - REF
Additional Information: CAN ALSO BE 24 HR URINE - NO PRESERVATIVE. INCLUDES KAPPA AND LAMBDA

Test Name: FREE PSA
Test ID: PSAF
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - FROZ
Additional Information: INCLUDES TOTAL AND FREE; DO NOT ORDER PSA WITH THIS

Test Name: FRUCTOSAMINE
Test ID: FRUC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2 ML - REF

Test Name: FSH
Test ID: FSH
Synonyms: Follicle stimulating hormone.
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Results available the same day.
Specimen Type: Serum
  Volume: 1mL
  Container: 7mL SST
Specimen Handling: Avoid hemolysis. Centrifuge and refrigerate.
Storage: Refrigerate.
Test Name: FTA-ABS
Test ID: FTA
Synonyms: Fluorescent Treponemal Antibody test for the confirmation of reactive RPRs.
Test Includes: It is recommended to order an RPR in conjunction with the FTA.
Testing Facility: Aultman Laboratory
Turnaround Time: Done as needed. Results available the following day.
Specimen Type: Serum
Volume: 1 mL
Container: 7mL SST
Specimen Handling: Refrigerate

Test Name: FTA-ABS, CSF
Test ID: FTACSF
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML CSF REFRIG
Additional Information: FORWARDED TO FOCUS

Test Name: FUNGAL SEROLOGY
Test ID: MISC
Synonyms: Fungal antibodies
Test Includes: aspergillus fumigatus, blastomyces dermatitidis, coccidiodes immitis and histoplasma capsulatum.
Testing Facility: Reference Laboratory
Specimen Type: 1 ML SERUM FROM SST TUBE - REFRIGERATED
Specimen Handling: Avoid hemolysis.

Test Name: G-6-PD
Test ID: G6PDQT
Synonyms: Glucose-6-phosphate dehydrogenase
Testing Facility: Reference Laboratory
Specimen Handling: 5 mL Lavender Top - whole blood. Refrigerated. Leave in original tube.

Test Name: GABAPENTIN
Test ID: GAB
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM PLAIN RED TOP TUBE - REF
Additional Information: Centrifuge and transfer serum to plastic vial.
Test Name: GABITRIL
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: SERUM 2 ML FROM PLAIN RED - REF
  Centrifuge and transfer serum to plastic vial.
  Additional Information: AKA: TIAGABINE

Test Name: GAD65 - AB
  Test ID: GAD65
  Testing Facility: Reference Laboratory
  Specimen Handling: SERUM 1 ML - FROZEN
  Additional Information: AKA: GLUTAMIC ACID DECARBOXYLASE

Test Name: GALACTOKINASE
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: 5 ML WHOLE BLOOD - EDTA - REF

Test Name: GALACTOSE-1-PHOSPHATE URIDYL TRANSFERASE
  Test ID: G1PHOS
  Testing Facility: Reference Laboratory
  Specimen Handling: 7 ML SODIUM HEPARIN GREEN - WHOLE BLOOD - REF
  Additional Information: PLACE SPECIMEN ON ICE AFTER COLLECTION

Test Name: GAMMA GT
  Test ID: GGT
  Synonyms: Gamma-glutamyl transferase or gamma-glutamyl transpeptidase (also γ-glutamyl transferase, GGT, GGTP, gamma-GT)
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
  Specimen Type: Serum or Plasma lithium heparin – Separate from cells within 2 hours of collection.
  Volume: 1 mL
  Container: SST or Plasma Lithium Heparin
  Specimen Handling: Avoid hemolysis
  Storage: Refrigerate.
Test Name: GANGLIOSIDE ANTIBODY PANEL
Test ID: GANGAB
Test Includes: Asialo-GM1 IgG/IgM, GM1 IgG/IgM, GM2 IgG/IgM, GD 1a IgG/IgM, GD1 b IgG/IgM, GQ 1b IgG/IgM
Testing Facility: Reference Laboratory
Volume: 1 ml serum-Refrigerate
Container: SST

Test Name: GASTROINTESTINAL PCR PANEL
Test ID: GIPCR
Testing Facility: Aultman Hospital
Turnaround Time: 0700-2400 results available
Specimen Handling: fresh stool or stool in Cary Blair Preservative
Additional Information: Fresh Stool - Refrigerate
Cary Blair Preservative – Room Temp

Test Name: GASTRIN
Test ID: GAST
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - FROZEN
Additional Information: OVERNIGHT FAST IS REQUIRED
Test Name: GENTAMICIN

Test ID: GENTP (PEAK); GENTT (TROUGH)

Synonyms: Garamycin, Genticin

Test Includes: Time of last dose, gentamicin

Testing Facility: Aultman Laboratory

Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.

Precollection Instructions: Usual sampling times:

1. Trough:
2. Peak:
3. Trough and peak levels should be collected around the same dosing interval.
   Trough and peak levels must be ordered on separate requisitions
   Individualized dosing:
   1. Three separate levels should be done at 1 hour, 2 hours and 4 hours after IV infusion is completed. Order on 3 separate requisitions, identifying the specimen in order comments. One order must have the following information in order comments: a. Patient weight; b. Dosage given. c. Time infusion started and finished. d. All other antibiotics given.
   2. Copies of individualized dosing levels are sent to pharmacy for dosing calculations. Pharmacy makes the recommendations.
   3. If patient’s most recent serum creat is > 2.0 mg/dL, call pharmacy for timing for individualized dosing specimens.

Specimen Type: Serum/Plain Red Top/Plasma Lithium heparin – Separate from cells within 2 hours of collection.

Volume: 1 mL

Container: SST/Plain Red Top/Plasma Lithium Heparin

Specimen Handling: Centrifuge and transfer serum to plastic vial. Timing is critical. Return to lab immediately. Avoid hemolysis.

Storage: Refrigerate.

Test Name: GHB (GAMMA-HYDROXYBUTYRIC ACID)

Test ID: MISC

Testing Facility: Reference Laboratory

Specimen Handling: SERUM 5 ML – PLAIN RED TOP - REFRIDGERATE
Test Name: GIARDIA ANTIGEN
Test ID: GIARD
Test Includes: Enzyme immunoassay for Giardia antigen.
Testing Facility: Aultman Laboratory
Turnaround Time: Done as needed. Results available in 2 - 5 days.
Precollection Instructions: See Ova & Parasite Exam for instructions.
Specimen Type: Stool, feces-coated rectal swab. Specimens collected in diapers are acceptable for this assay.
Volume: 1 gram or 1 mL liquid.
Container: Clean container with a tight-fitting lid.
Specimen Handling: Collection: See Ova & Parasite Exam for instructions.
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
Storage: Refrigerate. Microbiology will freeze specimen upon receipt.

Test Name: GLIADIN ANTIBODY
Test ID: GLIAD
Test Includes: Gliadin antibody IgG and IgA
Testing Facility: Aultman Laboratory
Turnaround Time: Done twice weekly
Specimen Type: Serum
Volume: 1 mL
Container: 7 mL SST
Storage: Refrigerate.

Test Name: GLOMERULAR BASEMENT MEMBRANE IGG
Test ID: GBMBG
Synonyms: GBM Ab
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF

Test Name: GLUCAGON
Test ID: GLUCA
Testing Facility: Reference Laboratory
Specimen Type: 1 ML PLASMA FROM THE PROTEASE INHIBITOR (SPECIAL KIT) AVAILABLE IN SEND OUTS
Specimen Handling: 1 ML - FROZEN
Additional Information: A BUTTERFLY MUST BE USED TO DRAW THE BLOOD
Test Name: GLUCOSE TOLERANCE, 2 HOUR PREGNANCY  
Test ID: GTTP2  
Synonyms: Diabetes screening for patients with gestational diabetes during pregnancy  
Test Includes: Serum glucose: Fasting, 1 hour, 2 hours. No urines  
Testing Facility: Aultman Laboratory  
Turnaround Time: 2 hours after the last specimen is received in the lab  
Precollection Instructions: See Precollection Instructions for GLUCOSE TOLERANCE. Dose: 75g glucose.  
Specimen Type: Serum  
Volume: 1 mL  
Container: 5 mL SST  
Storage: Refrigerate.  

Test Name: GLUCOSE TOLERANCE, 2, 3, 4 Hour  
Test ID: GTT2, GTT3, GTT4  
Test Includes: Serum glucose  
Testing Facility: Aultman Laboratory  
Turnaround Time: 2 hours after last specimen is received in lab  
Precollection Instructions: Glucose Tolerance  
1. Schedule test with venipuncture 24 hours in advance.  
2. Patient should be NPO after midnight except for water. NO SMOKING.  
3. Obtain a bottle of glucola (normal dose for 3 or 4 hour: 100 grams glucose) (Normal dose for 2 hour is 75 grams glucose) (Note: Patients weighing less than 100 lb DO NOT receive a full bottle of glucola. Call Chemistry (ext. 33994) for the exact amount to be given.)  
4. The morning of the test, both a fasting glucose and a fasting urine must be collected and analyzed prior to the administration of the glucola. Chemistry will call the nursing unit with the time to administer the glucola. The glucola must be consumed within 20 minutes of when it is first administered.  
SPECIAL CONDITIONS  
1. DO NOT schedule any other procedures, X-rays or therapy with the tolerance test. As per the American Diabetes Association, test accuracy depends upon minimal stress and activity by the patient.  
2. DO NOT catheterize the patient for the test unless specifically ordered by the attending physician.  
3. During the test, avoid any medication that coats the stomach or intestines. If barium has been given previous to the tolerance test, allow 2 - 3 days for the barium to clear the intestinal tract before the tolerance is performed.  
4. If the patient becomes ill during the tolerance test and vomits, notify the lab to discontinue testing. Notify the physician that the test was discontinued.  
Specimen Type: Serum  
Volume: For each collection: Serum: 1 mL  
For each collection: Serum: 1 mL  
Container: Serum: 7 mL SST  
Storage: Refrigerate.
**Test Name:** GLUCOSE, 1 HOUR CHALLENGE  
**Test ID:** GLU1P  
**Precollection Instructions:** 50 Grams of Glucola  
**Test Includes:** 1-hour glucose  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum  
  **Volume:** 1 mL  
  **Container:** 5 mL SST  
  **Storage:** Refrigerate.

**Test Name:** GLUCOSE, 2 HOUR POSTPRANDIAL  
**Test ID:** GLU2P  
**Test Includes:** 2 hour glucose  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Precollection Instructions:** A glucose level is to be drawn 2 hours after a 75g glucose load is given (preferable) or following a breakfast or lunch containing at least 100 g of carbohydrate.  
**Specimen Type:** Serum  
  **Volume:** 1 mL  
  **Container:** 5 mL SST  
  **Storage:** Refrigerate.

**Test Name:** GLUCOSE, 24 HOUR URINE  
**Test ID:** GLU24  
**Test Includes:** Collection time, volume, creatinine, glucose  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week. Results are available the same day if the specimen is received by 1000.  
**Precollection Instructions:** See 24-hour Urine Collection Instructions.  
**Specimen Type:** 24-hour urine  
  **Volume:** Submit entire collection to laboratory  
  **Container:** Obtain collection container from laboratory  
**Specimen Handling:** Keep specimen on ice during collection  
**Storage:** Refrigerate.
Test Name: **GLUCOSE, BODY FLUID**  
**Test ID:** GLUBF  
**Test Includes:** Body fluid type, glucose  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Body fluid  
  **Volume:** 2 – 4 mL  
  **Storage:** Refrigerate.

Test Name: **GLUCOSE, RANDOM URINE**  
**Test ID:** GLUR  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Random urine  
  **Volume:** 2 – 4 mL  
  **Container:** Plastic urine tube  
  **Storage:** Refrigerate.

Test Name: **GLUCOSE, SERUM**  
**Test ID:** GLUCOSE, SERUM  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum or Plasma Lithium Heparin – Separate from cells within 2 hours of collection.  
  **Volume:** 1 mL  
  **Container:** SST or Plasma lithium heparin.  
  **Storage:** Refrigerate.

Test Name: **GLYCOMARK**  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML SERUM REF

Test Name: **GM1 AB PANEL**  
**Test ID:** GM1ABP  
**Test Includes:** GM1 IgG & IgM  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF  
**Additional Information:** OVERNIGHT FASTING IS PREFERRED
Test Name: GOLD
Test ID: GOLD
Testing Facility: Reference Laboratory - LabCorp
Specimen Handling: SERUM 1 ML FROM SST - REF

Test Name: GONORRHOEA Pedido - FEMALE
Test ID: NGPCR1
Test Includes: PCR test to detect N. gonorrhoeae. NOTE: Specimens collected using the Cobas PCR collection kit cannot be used for culture.

Testing Facility: Aultman Laboratory
Turnaround Time: Done daily M - F. Results available within 1-2 days.

Precollection Instructions: Use only Powder Free gloves.

Specimen Type: Endocervix, vagina, urine.
Volume: 1 Cobas PCR female swab, 5mL urine.
Container: Cobas PCR transport tube. NOTE: Specimens collected using the Cobas PCR collection kit cannot be used for culture.

Specimen Handling: Collection:
1) Remove excess mucus from the cervical os and surrounding mucosa using one of the swabs provided. Discard this swab.
2) Insert the second swab from the collection kit 1 - 12 cm into the endocervical canal.
3) Rotate the swab clockwise in the endocervical canal for 30 seconds to ensure adequate sampling.
4) Withdraw the swab carefully. Avoid any contact with vaginal mucosa.
5) Insert the swab into the Remel transport tube. Snap off the shaft at the score line or cut shaft to fit tube.
6) Cap tube. Label with the patient's name.

B. Male:
1) 5mL urine in a sterile container.

Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Room temperature. If submitting urine, refrigerate urine.

Test Name: GRANULOCYTE ANTIBODY
Test ID: NEUTR
Testing Facility: Reference Laboratory
Specimen Type: Serum
Volume: 3 mL
Container: Red Top – FROZEN
**Test Name:** GROUP B STREP PCR  
**Test ID:** GBSPCR  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done Monday-Saturday. Results available in 2 days.  
**Specimen Type:** Vagina, rectum.  
**Volume:** 1 swab of each.  
**Container:** Culturette (2 swabs)  
**Specimen Handling:** Collection:  
A. With a culturette, obtain one swab each of the vaginal introitus and the anorectum.  
B. Cervical cultures are not acceptable for determining colonization.  
C. A speculum should not be used for culture collection.  
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.  
Storage: Refrigerate.

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**Test Name:** GROWTH HORMONE  
**Test ID:** GH  
**Testing Facility:** Reference Laboratory  
**Specimen Type:** 1 ml serum - refrigerated  
**Volume:** 1 mL  
**Container:** SST tube  
**Specimen Handling:** Separate serum from cells and refrigerate

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**Test Name:** H. PYLORI STOOL ANTIGEN  
**Test ID:** HPYLAG  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Sent to Reference Lab.  
**Specimen Type:** Stool  
**Volume:** 1 gm  
**Container:** Sterile container  
**Specimen Handling:** Refrigerate
Test Name: **H. INFLUENZAE IGG**
Test ID: HINFLU
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF
Additional Information: AKA: HIB OR H.FLU VACCINE RESPONSE

Test Name: **H. PYLORI IGG ANTIBODY**
Test ID: HP
Synonyms: Helicobacter pylori Antibody
Test Includes: Detects Helicobacter pylori IgG antibody only
Testing Facility: Aultman Laboratory
Turnaround Time: Done twice weekly M – F. Results available within 3 days.
Specimen Type: Serum
Volume: 1 mL
Container: 7 mL SST

Test Name: **H. PYLORI AB IGM**
Testing Facility: Reference Laboratory
Additional Information: Test no longer available from Reference Laboratory. Recommend ordering H. pylori IgG or IgA

Test Name: **HALOPERIDOL (HALDOL)**
Test ID: HALOP
Synonyms: Haldol
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - PLAIN RED TOP - REFRIG
Additional Information: Centrifuge and transfer serum to plastic vial.

Test Name: **HANTAVIRUS ANTIBODY**
Test ID: HANTAB
Test Includes: IGG AND IGM
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF
Test Name: HAPTOGLOBIN
  Test ID: HAPTO
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7days/week, 24hours/day. Results available same day.
  Specimen Type: Serum only
  Volume: 1 mL
  Container: 7 mL SST
  Specimen Handling: Avoid hemolysis and lipemia. Refrigerate, after 72 hours freeze.

Test Name: HCG, QUANTITATIVE
  Test ID: HCG
  Synonyms: This assay is used to monitor hCG as an assessment of pregnancy. It is not the assay of choice for use as a tumor marker. To order hCG as a tumor marker, order AHCGT.
  Test Includes: LMP, hCG
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 24 hours/day, 7 days/week. Results available same day.
  Precollection Instructions: Note the date of LMP when ordering.
  Specimen Type: Serum
  Volume: 2 mL
  Container: 7 mL SST
  Storage: Refrigerate.

Test Name: HCG, TUMOR MARKER
  Test ID: HCGT
  Synonyms: This test is intended to be used as a tumor marker. It should not be used for the assessment of pregnancy. For pregnancy assessment, order “HCG.”
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 24 hours/day, 7 days/week. Results available same day.
  Specimen Type: Serum
  Volume: 2 mL
  Container: 7 mL SST
  Storage: Refrigerate.
Test Name: HDL CHOLESTEROL ONLY
  Test ID: HDO
  Synonyms: HDL cholesterol
  Test Includes: HDL cholesterol ONLY
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done daily. Results are available the next day.
  Precollection Instructions: A 12-hour fast is required.
    Specimen Type: Serum or Plasma Lithium Heparin – Separate from cells within 2 hours of collection.
    Volume: 1 mL
    Container: SST or Plasma
    Storage: Refrigerate.

Test Name: HEAVY METALS - BLOOD
  Test ID: HMETB
  Synonyms: Heavy Metals Panel
  Testing Facility: Reference Laboratory - Mayo
  Specimen Handling: DARK BLUE METAL FREE TUBE WITH EDTA ADDITIVE
  Additional Information: LEAVE IN ORIGINAL TUBE

Test Name: HEAVY METALS - RANDOM URINE
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: 10 ML URINE - POUR IN ACID WASHED TUBE - FROZEN
  Additional Information: REFRAIN FROM SEAFOOD FOR 72 HRS BEFORE TEST

Test Name: HEAVY METALS - URINE
  Test ID: HMETU
  Testing Facility: Reference Laboratory
  Specimen Handling: 10 ML FROM 24 HR COLLECTION - POUR IN ACID WASHED TUBE - REF
  Additional Information: REFRAIN FROM SEAFOOD FOR 72 HRS BEFORE TEST; INCLUDES MERCURY, LEAD, ARSENIC, CADMIUM
Test Name: HELPER/SUPPRESSOR (ADULTS)
Test ID: HELP1
Synonyms: CD3/CD4
Test Includes: Total lymphocytes, number of T cells, natural killer cells, helper cells and suppressor cells, % total of each cell type and helper/suppressor ratio (CD3, CD4, CD8, CD19, CD56).
Testing Facility: Aultman Laboratory
Turnaround Time: 2 working days
Specimen Type: Whole blood
  Volume: 5 mL
  Container: 5 mL lav top tube
Specimen Handling: Deliver specimen to lab ASAP. Keep specimen at room temperature.

Test Name: Helper/Suppressor (Pediatrics <12 years old)
Test ID: IMMDEF
Testing Facility: Reference Laboratory
Specimen Type: Edta Whole Blood
  Container: Edta lavender top tube
  Storage: Room Temperature
Special Instructions: Deliver specimens to testing laboratory within 24 hours of collection.

Test Name: HEMATOCRIT
Test ID: HCT
Testing Facility: Aultman Laboratory
Turnaround Time: Urgent/STAT: 30-60 minutes, Routine: 6 hours
Specimen Type: Whole blood (EDTA)
  Volume: 2 mL
  Container: 2.5 mL lav top tube
  Storage: Room temperature.

Test Name: HEMATOCRIT, SPUN
Test ID: SHCT
Testing Facility: Aultman Laboratory
Turnaround Time: 6 hours
Specimen Type: Whole blood, EDTA
  Container: 2.5 ml lav top tube
  Storage: Room temperature.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Synonyms</th>
<th>Test Includes</th>
<th>Testing Facility</th>
<th>Specimen Type</th>
<th>Volume</th>
<th>Container</th>
<th>Specimen Handling</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEMOCHROMATOSIS DNA PROBE</td>
<td>HEMDNA</td>
<td>Hereditary Hemochromatosis</td>
<td>C282Y Mutation, H63D Mutation, S65C Mutation</td>
<td>Reference Laboratory</td>
<td>Whole blood from EDTA</td>
<td>3 mL</td>
<td>2 lav top tubes</td>
<td>Keep blood at room temperature. Do not spin.</td>
<td>Ambient</td>
</tr>
<tr>
<td>HEMOGLOBIN</td>
<td>HGB</td>
<td></td>
<td></td>
<td>Aultman Laboratory</td>
<td>Whole blood (EDTA)</td>
<td>2 mL</td>
<td>2.5 mL lav top tube</td>
<td></td>
<td>Room temperature.</td>
</tr>
<tr>
<td>HEMOGLOBIN ELECTROPHORESIS</td>
<td>HGBE</td>
<td>Hemoglobin fractionation</td>
<td>Hemoglobin A1, A2, S and F. Test includes interpretation by a pathologist.</td>
<td>Aultman Laboratory</td>
<td>Whole blood (EDTA)</td>
<td>5 mL</td>
<td>5 mL lav top tube</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEMOGLOBIN, PLASMA</td>
<td>HGBP</td>
<td></td>
<td></td>
<td>Reference Laboratory</td>
<td>2 ML PLASMA FROM NA HEPARIN - REF</td>
<td></td>
<td></td>
<td>Avoid hemolysis; separate from cells within 1 hour of collection.</td>
<td></td>
</tr>
</tbody>
</table>
Test Name: HEMOGRAM, WITH PLATELETS
   Test ID: HGMP
   Test Includes: WBC, RBC, hemoglobin, hematocrit, indices and platelets
   Testing Facility: Aultman Laboratory
   Turnaround Time: Urgent/STAT: 30 minutes, Routine: 6 hours
   Specimen Type: Whole blood (EDTA)
   Volume: 2 mL
   Container: 2.5 mL lav top tube

Test Name: HEMOSIDERIN, URINE
   Test ID: HEMOS
   Testing Facility: Reference Laboratory
   Precollection Instructions: Requires a refrigerated first morning specimen
   Specimen Type: First morning urine
   Volume: 5 mL
   Container: Plastic urine tube

Test Name: HEP B CORE ANTIBODY TOTAL
   Test ID: AHBCOT
   Testing Facility: Reference Laboratory
   Specimen Handling: SERUM 1 ML - REF
   Additional Information: DOES NOT DIFFERENTIATE BETWEEN IGG AND IGM

Test Name: HEP B S AB QUANT
   Test ID: HBSQT
   Testing Facility: Reference Laboratory
   Specimen Handling: SERUM 2 ML - REF

Test Name: HEP B VIRAL DNA
   Test ID: HBVDNU
   Testing Facility: Reference Laboratory
   Specimen Handling: EDTA PLASMA 2ML - REF
   Additional Information: Centrifuge and pour off into sterile container
Test Name: HEP C GENOTYPE
Test ID: HCGEN
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2 ML - REF
Additional Information: EDTA PLASMA ALSO ACCEPTABLE

Test Name: HEPARIN INDUCED THROMBOCYTOPENIA
Test ID: HIT
Synonyms: HIT Test, Platelet Factor 4
Testing Facility: Aultman Laboratory
Turnaround Time: Sent to Reference Lab
Specimen Type: Citrated plasma
Volume: 2 mL
Container: Blue top tube
Specimen Handling: Centrifuge and separate plasma from cells. Freeze plasma.

Test Name: HEPATIC FUNCTION PANEL
Test ID: HFP
Test Includes: Albumin, total bilirubin, direct bilirubin, alk phos, AST, ALT, total protein
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Serum or Plasma Lithium Heparin – Separate from cells within 2 hours of collection.
Volume: 2 mL
Container: SST or Plasma Lithium Heparin
Specimen Handling: Avoid hemolysis. Separate serum from cells within 2 hours of collection.

Test Name: HEPATITIS E Antibodies
Test ID: HEPE
Test Includes: HEPATITIS IGG AND IGM
Testing Facility: Reference Laboratory
Specimen Type: SERUM 1ML-FROZEN
Specimen Handling: SEPARATE SERUM FROM CELLS ASAP
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Test Includes</th>
<th>Testing Facility</th>
<th>Volume</th>
<th>Container</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEPATITIS A ANTIBODIES TOTAL</td>
<td>AHAVT</td>
<td>IGG AND IGM BUT DOES NOT DIFFERENTIATE BETWEEN THEM</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM-REF</td>
<td>SST</td>
<td>REFRIGERATED</td>
</tr>
<tr>
<td>HEPATITIS A IGM ANTIBODIES</td>
<td>AHAVM</td>
<td>Screening for IgM antibodies to Hepatitis A testing.</td>
<td>Aultman Laboratory</td>
<td>1 – 2 mL</td>
<td>SST or Plasma Lithium Heparin</td>
<td></td>
</tr>
<tr>
<td>HEPATITIS B CORE IGM</td>
<td>HBCM</td>
<td>Synonyms: HBcIgM, Core-M, Core-IgM</td>
<td>Aultman Laboratory</td>
<td>1 mL</td>
<td>SST or plasma lithium heparin</td>
<td></td>
</tr>
<tr>
<td>HEPATITIS B E AB</td>
<td>HBEAB</td>
<td>Specimen Handling: Avoid hemolysis</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM FROM SST - REFRIGERATED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEPATITIS B E AG</td>
<td>HBEAG</td>
<td>Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM FROM SST - REF</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Test Name:** HEPATITIS B SURFACE AG, CONF.  
**Test ID:** HBCNF  
**Testing Facility:** Reference Laboratory  
**Volume:** 1ML SERUM  
**Container:** SST  
**Specimen Handling:** REFRIGERATED

---

**Test Name:** HEPATITIS B SURFACE ANTIBODY  
**Test ID:** HBSAB  
**Synonyms:** HBsAb, Hepatitis B immune status  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7days/week, 24hours/day. Results available same day.  
**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 2 mL  
**Container:** SST or Plasma lithium heparin.  
**Specimen Handling:** Avoid hemolysis

---

**Test Name:** HEPATITIS B SURFACE ANTIBODY QUANT  
**Test ID:** AHBSQ  
**Testing Facility:** Reference Lab  
**Specimen Type:** 1 ML SERUM FROM SST TUBE - REFRIGERATED  
**Specimen Handling:** Refrigerate

---

**Test Name:** HEPATITIS B SURFACE ANTIGEN  
**Test ID:** HBSAG  
**Synonyms:** HBsAg, HAA (Hepatitis Australia Antigen)  
**Test Includes:** All repeatedly reactive (positive) Hepatitis B Surface Ag tests are confirmed by neutralization.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7days/week, 24hours/day. Results available same day.  
**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 2 mL  
**Container:** SST or plasma lithium heparin.  
**Specimen Handling:** Avoid hemolysis
Test Name: HEPATITIS C RNA Quantitative PCR
  Test ID: HCQPCR
  Synonyms: HCV Viral Load, Heptimax, Hep C Quant
  Testing Facility: Reference Lab
  Specimen Type: EDTA Plasma
    Volume: 3 mL
  Specimen Handling: EDTA Plasma refrigerated. Serum is also acceptable.

Test Name: HEPATITIS C ANTIBODY
  Test ID: HCV
  Synonyms: Non-A, non-B hepatitis, transfusion associated hepatitis
  Test Includes: Hepatitis C antibody (2nd generation)
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done Daily
  Specimen Type: Serum
    Volume: 2 mL
    Container: 7 mL SST
  Specimen Handling: Avoid hemolysis

Test Name: HEPATITIS DELTA AB
  Test ID: AHD
  Testing Facility: Reference Laboratory
  Specimen Handling: SERUM 1 ML - FROZEN

Test Name: HEPATITIS, ACUTE PROFILE
  Test ID: HEPAC
  Synonyms: Hepatitis A, B and C screening
  Test Includes: Hepatitis B Surface Ag, Hepatitis B Core IgM Ab, Hepatitis C Ab, Hepatitis A IgM
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7days/week, 24hours/day. Results available same day.
  Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
    Volume: 3 – 5 mL
    Container: SST or Plasma Lithium Heparin
  Specimen Handling: Avoid hemolysis
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Test Includes</th>
<th>Testing Facility</th>
<th>Turnaround Time</th>
<th>Specimen Type</th>
<th>Volume</th>
<th>Container</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>HERPES 6 VIRUS</td>
<td>HV6ABS</td>
<td>IGG AND IGM</td>
<td>Reference Laboratory</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SERUM 1 ML - REF</td>
<td></td>
</tr>
<tr>
<td>HERPES SIMPLEX 1 AND 2 IGG AND IGM</td>
<td>HSVAB</td>
<td>If HSV IgM type 1 is positive the test will automatically reflex to HSV IgG types 1 and 2</td>
<td>Aultman Laboratory</td>
<td>Sent to Reference Lab</td>
<td>Serum</td>
<td>1 mL</td>
<td>7 mL SST.</td>
<td>Refrigerate specimen.</td>
<td></td>
</tr>
<tr>
<td>HISTAMINE, PLASMA</td>
<td>PHISTA</td>
<td></td>
<td>Reference Laboratory</td>
<td></td>
<td>1 ML EDTA PLASMA</td>
<td>1 mL</td>
<td></td>
<td>FROZEN ASAP</td>
<td>CENTRIFUGE IMMEDIATELY; AVOID HEMOLYSIS</td>
</tr>
<tr>
<td>HISTAMINE, URINE, 24 HOUR</td>
<td>UHISTA</td>
<td></td>
<td>Reference Laboratory</td>
<td></td>
<td>15 ML FROM 24 HR COLLECTION</td>
<td></td>
<td></td>
<td>REF</td>
<td></td>
</tr>
<tr>
<td>HISTONE ANTIBODY</td>
<td>HIST</td>
<td></td>
<td>Reference Laboratory</td>
<td></td>
<td>Serum</td>
<td>1 ML</td>
<td></td>
<td>REF</td>
<td>CENTRIFUGE WITHIN 1 HOUR OF COLLECTION</td>
</tr>
</tbody>
</table>
**Test Name:** HISTOPLASMA ANTIBODY  
**Test ID:** HISTAB  
**Test Includes:** HISTO MYCELIAL AB-CF, HISTO YEAST-CF, HISTOPLASMOSIS AB-ID  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF  
**Additional Information:** FASTING PREFERRED

**Test Name:** HISTOPLASMA URINE ANTIGEN  
**Test ID:** HISTOAG  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** URINE 13 ML - REF

**Test Name:** HIV 1 / 2 ANTIBODY  
**Test ID:** HIV  
**Test Includes:** Assay for the detection of HIV p24 antigen and antibodies to HIV Type 1, including Group O (HIV-1 + “O”) and/or Type 2 (HIV-2).  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available same day.  
**Specimen Type:** Serum or lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 2 mL  
**Container:** SST or Plasma lithium heparin.  
**Specimen Handling:** Avoid hemolysis

**Test Name:** HIV 1 GENOTYPE  
**Test ID:** HIVNGS  
**Testing Facility:** Reference Lab  
**Specimen Type:** Plasma  
**Volume:** 3 mL  
**Container:** Lavender top tube (EDTA)  
**Specimen Handling:** Freeze

**Test Name:** HIV 1/2 AB DIFFERENTIATION  
**Test ID:** HIV12M  
**Test Includes:** Differentiation from antibodies to HIV 1 and HIV 2  
**Testing Facility:** Reference Laboratory  
**Volume:** 1 ML SERUM-REF  
**Container:** SST  
**Additional Information:** PLASMA ACCEPTABLE

---

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name: HIV 1/2 Combo (Ag/Ab)</th>
<th>Test ID: HIV12C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Includes: HIV 1/2 antibodies and P24 antigen</td>
<td></td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Volume: 1 ML SERUM-REF</td>
<td></td>
</tr>
<tr>
<td>Container: SST</td>
<td></td>
</tr>
<tr>
<td>Additional Information: PLASMA ALSO ACCEPTABLE</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: HIV 2 DNA/RNA PCR</th>
<th>Test ID: MISC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnaround Time: Sent to Reference Lab</td>
<td></td>
</tr>
<tr>
<td>Specimen Type: EDTA WHOLE BLOOD</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: ROOM TEMP</td>
<td></td>
</tr>
</tbody>
</table>

| Test Name: HIV-1 INTEGRASE GENOTYPE (Test no longer available, please see HIV 1 Genotype- HIVNGS) |

<table>
<thead>
<tr>
<th>Test Name: HIV-1 RNA QUAL, TMA</th>
<th>Test ID: HIVTMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Specimen Type: 2 ML PLASMA FROM EDTA TUBE (FROZEN)</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: CENTRIFUGE AND TRANSFER PLASMA TO PLASTIC CONTAINER; FREEZE</td>
<td></td>
</tr>
<tr>
<td>Additional Information: This is a qualitative test. Preferred test is HIV Quant RNA by PCR.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: HIV-1 RNA QUANT, CSF</th>
<th>Test ID: MISC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory - QUEST</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: 3 ML CSF - FROZEN</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: HIV-2 ANTIBODY</th>
<th>Test ID: MISC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: SERUM 1 ML - FROZEN</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: HLA B27</th>
<th>Test ID: MISC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling: 2 EDTA (LAVENDER TOP) WHOLE BLOOD - ROOM TEMP</td>
<td></td>
</tr>
<tr>
<td>Additional Information: GOES TO MAYO CLINIC</td>
<td></td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: HLA NARCOLEPSY
  Test ID: NARCO
  Testing Facility: Reference Laboratory
  Volume: 7 mL
  Specimen Handling: Whole blood EDTA - REF

Test Name: HLA TYPING (A,B,C)
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: 5ML EDTA WHOLE BLOOD - ROOM TEMP

Test Name: HLA-B 5701 TYPING
  Test ID: B5701
  Testing Facility: Reference Laboratory
  Specimen Type: Whole Blood
  Container: 5 ML EDTA Whole Blood
  Specimen Handling: ROOM TEMPERATURE

Test Name: HOMOCYSTEINE
  Test ID: HOMO
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 24 hours/day, 7 days/week. Results available same day.
  Transfer Instructions: transfer on ice
  Specimen Type: Plasma only (Lithium Heparin)
  Volume: 1 mL
  Container: Lithium Heparin
  Specimen Handling: Centrifuge and separate serum from cells ASAP.
  Storage: Refrigerate.

Test Name: HOMOVANILLIC ACID, URINE
  Test ID: UHVA
  Testing Facility: Reference Laboratory
  Specimen Handling: 4ML 24 HR URINE
  Additional Information: FROZEN
### Test Name: HPV PCR SCREEN
**Test ID:** HPV  
**Test Includes:** DNA probe for the detection of Human Papilloma Virus (HPV), high risk types including Genotype 16 & 18.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Results are available within 2-3 days.  
**Specimen Collection / Collection:** Preservative solutions: Follow collection device instructions.  
**Specimen Type:** PreservSITE (ThinPrep) preservative  
**Container:** PreservSITE (ThinPrep) container  
**Specimen Handling:** Transport: Deliver to Microbiology within 2 hours of collection for inpatients.

### Test Name: HSP-70 ANTIBODY
**Synonym:** Anti-68 KD Antibody  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML SERUM FROM PLAIN RED TOP  
**Additional Information:** Centrifuge and pour off into sterile container-REFRIGERATE

### Test Name: HSV PCR CSF
**Test ID:** MISCNB  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** CSF 1 ML - REF

### Test Name: HSV PCR LESIONS
**Test ID:** HSSVZV  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SWAB IN UTM  
**Additional Information:** ROOM TEMPERATURE

### Test Name: HTLV I / II
**Test ID:** HTLVSC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF  
**Additional Information:** EDTA PLASMA IS ALSO ACCEPTABLE
Test Name: HUMAN PLACENTAL LACTOGEN (SEE PLACENTAL LACTOGEN)
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 1ML SERUM FROM PLAIN RED TOP
Additional Information: Centrifuge and pour off into sterile container - REFRIDGERATE

Test Name: HUNTINGTON DISEASE MUTATION
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 5 LAVENDER TOPS - WHOLE BLOOD - REFRIDGERATE
Additional Information: WAIVER MUST BE SIGNED AND SENT WITH ALL SPECIMEN. CALL 1-800-628-6816 FOR COPY OF WAIVER

Test Name: HYDROCODONE CONFIRMATION, URINE
Test ID: HYDCU
Testing Facility: Reference Laboratory
Specimen Handling: 10 mL urine, refrigerated

Test Name: HYPERSENSITIVITY PNEUMONITIS
Test ID: HYPNE
Synonyms: Test for detection of 5 IgG antibodies
Test Includes: Antibodies for: aspergillus fumigatus, aspergillus niger, micropolyspora faeni, thermoactinomyces vulgaris and saccharomonospora viridis
Testing Facility: Reference Lab
Specimen Type: Serum
Volume: 2 mL
Container: 7 mL SST
Specimen Handling: Avoid hemolysis. Refrigerate specimen.
<table>
<thead>
<tr>
<th>Test Name: IBD sgDIAGNOSTIC</th>
<th>Test ID: IBDSG</th>
<th>Synonyms: IBD 7 Serology</th>
<th>Testing Facility: Reference Laboratory - Prometheus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen Handling:</td>
<td>2 ML SERUM AND EDTA WHOLE BLOOD</td>
<td>Additional Information: COLLECT SST TUBE AND 1 LAVENDER TOP TUBE - REF</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: IFE, SERUM</th>
<th>Test ID: IFES</th>
<th>Synonyms: Serum immunofixation electrophoresis</th>
<th>Test Includes: Interpretation of IFE by a pathologist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility:</td>
<td>Aultman Laboratory</td>
<td>Turnaround Time: Done daily as needed. Results available the same day.</td>
<td></td>
</tr>
<tr>
<td>Precollection Instructions:</td>
<td>Fasting specimen preferred.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Type: Serum</td>
<td>Volume: 2 mL</td>
<td>Container: 7 mL SST.</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>Avoid hemolysis and lipemia.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: IFE, URINE</th>
<th>Test ID: IFEU</th>
<th>Synonyms: Urine immunofixation electrophoresis.</th>
<th>Test Includes: Interpretation of IFE by a pathologist.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Facility:</td>
<td>Aultman Laboratory</td>
<td>Turnaround Time: Done daily as needed. Results available the same day.</td>
<td></td>
</tr>
<tr>
<td>Precollection Instructions:</td>
<td>A 24-hour collection is preferred. See 24-hour Urine Collection Instructions. A random urine can be used instead of a 24-hour urine. The random urine should be the first morning void.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Type: 24-hour urine or random urine.</td>
<td>Volume: Submit entire urine collection to lab. Random urine should be at least 50 mL.</td>
<td>Container: Obtain urine collection container from lab</td>
<td></td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>Refrigerate. Keep collected urine on ice during collection.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: IGD</th>
<th>Synonyms: Immunoglobulin D</th>
<th>Test ID: IGD</th>
<th>Testing Facility: Reference Laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen Handling:</td>
<td>SERUM 1 ML - REF</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Test Name:** IGF-BP3  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML SERUM - FROZEN  
**Additional Information:** REJECT IF HEMOLYZED OR LIPEMIC

---

**Test Name:** IGG INDEX, CSF  
**Test ID:** TOURT  
**Synonyms:** IgG synthesis (CSF)  
**Test Includes:** CSF IgG and albumin, serum IgG and albumin, IgG/albumin index and IgG synthesis rate  
**Testing Facility:** Reference Lab  
**Precollection Instructions:** Test requires CSF and serum  
**Specimen Type:** CSF (obtained by physician) and serum  
**Volume:** CSF: 3 mL, Serum: 3 mL  
**Container:** Serum: 7 mL SST  
**Specimen Handling:** Avoid hemolysis. Deliver to lab immediately. Refrigerate specimen.

---

**Test Name:** IGG SUBCLASSES, 1234  
**Test ID:** IG1234  
**Synonyms:** Fractionated IgG  
**Test Includes:** IgG1, IgG2, IgG3, IgG4  
**Testing Facility:** Reference Laboratory  
**Specimen Type:** Serum - refrigerated  
**Volume:** 1 mL  
**Container:** 7 mL SST.  
**Specimen Handling:** Avoid hemolysis and lipemia. Refrigerate

---

**Test Name:** IMIPRAMINE  
**Test ID:** IMIP  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML sSERUM FROM RED TOP TUBE - Refrigerated  
**Additional Information:** Centrifuge and transfer serum to plastic vial within 2 hrs of collection
**Test Name:** IMMUNOGLOBULIN A  
**Test ID:** IGA  
**Synonyms:** IgA  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum and plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 1 mL  
**Container:** SST or Plasma Lithium heparin

---

**Test Name:** IMMUNOGLOBULIN E  
**Test ID:** IGE  
**Synonyms:** IgE  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum only  
**Volume:** 1 mL  
**Container:** 7 mL SST.

---

**Test Name:** IMMUNOGLOBULIN G  
**Test ID:** IGG  
**Synonyms:** IgG  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 1 mL  
**Container:** SST or plasma lithium heparin.

---

**Test Name:** IMMUNOGLOBULIN M  
**Test ID:** IGM  
**Synonyms:** IgM  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 1 mL  
**Container:** SST or Plasma lithium heparin.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMMUNOGLOBULIN PANEL</td>
<td>IMMUN</td>
<td>Aultman Laboratory</td>
<td>Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.</td>
<td>Volume: 2 mL Container: SST or Plasma lithium heparin.</td>
</tr>
<tr>
<td>INFLIXIMAB/HACA MEASUREMENT</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SERUM 2 ML - REF</td>
<td></td>
</tr>
<tr>
<td>INFLUENZA A AB</td>
<td>FLUA</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td>INCLUDES IGG AND IGM</td>
</tr>
<tr>
<td>INFLUENZA B AB</td>
<td>FLUB</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td>INCLUDES IGG AND IGM</td>
</tr>
<tr>
<td>INHIBIN A</td>
<td>INHIB</td>
<td>Reference Laboratory</td>
<td>SERUM 2 ML - REF</td>
<td></td>
</tr>
<tr>
<td>INHIBIN B</td>
<td>INHIBB</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - FROZEN</td>
<td>MOSTLY USED FOR INFERTILITY TESTING</td>
</tr>
</tbody>
</table>
Test Name: INSULIN
Test ID: INSLN
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Results available the same day.
Precollection Instructions: NOTE: If insulin levels are ordered in conjunction with a glucose tolerance, each individual insulin must be ordered separately with the time (fasting, 2 hours, 1 hour, etc.) noted in order entry comments.
Specimen Type: Serum
   Volume: 1 mL
   Container: 7 ml SST
Specimen Handling: Avoid hemolysis
Storage: Refrigerate.

Test Name: INSULIN ANTIBODY
Test ID: INSAB
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - REFRIGERATED

Test Name: INSULIN, FREE (BIOACTIVE)
Test ID: FINS
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - REFRIGERATED
Additional Information: EDTA PLASMA ALSO ACCEPTABLE

Test Name: INSULIN-LIKE GROWTH FACTOR (see Somatomedin C)

Test Name: INTRINSIC FACTOR BLOCKING ANTIBODY
Test ID: INTFCT
Testing Facility: Reference Laboratory
Container: SST
Specimen Handling: SERUM 1 ML - REF

Test Name: IODINE
Test ID: BIODIN
Testing Facility: Reference Laboratory
Specimen Type: 1 ML SERUM FROM DARK BLUE TUBE WITH NO ADDITIVE - REFRIGERATED
Specimen Handling: DO NOT USE BETADINE DURING VENIPUNCTURE. POUR OFF INTO METAL FREE TRANSPORT TUBE
Test Name: IRON STUDIES  
Test ID: FES  
Synonyms: Fe studies  
Test Includes: Total iron, iron binding capacity (IBC) and % saturation  
Testing Facility: Aultman Laboratory  
Turnaround Time: Test performed 7 days/week, 24 hours/day. Results available same day.  
Specimen Type: Serum  
Volume: 2 mL  
Container: 7 mL SST  
Specimen Handling: Avoid hemolysis. Separate serum from cells within 2 hours of collection.  
Storage: Refrigerate.

Test Name: IRON STUDY, LIVER BIOPSY  
Test ID: PATH  
Test Number: FET  
Testing Facility: Reference Laboratory  
Specimen Handling: LIVER BX OR PARAFFIN BLOCK  
Additional Information: REFRIGERATE; SEND PATH REPORT WITH SPECIMEN

Test Name: IRON, TOTAL, SERUM  
Test ID: FE  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST of plasma lithium heparin.  
Specimen Handling: Avoid hemolysis. Separate serum from cells within 2 hours of collection.  
Storage: Refrigerate.

Test Name: ISLET CELL ANTIBODY  
Test ID: ISLET  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 1 ML - REF  
Additional Information: AKA: ICA

Test Name: JAK-2 V617F MUTATION DETECTION  
Test ID: JAK2  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 LAVENDER TOPS - WHOLE BLOOD  
Storage: REFRIGERATE

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name:</th>
<th>JAK2 NON V617F MUTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>JAKNON</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Volume:</td>
<td>2 LAVENDER TUBES – WHOLE BLOOD</td>
</tr>
<tr>
<td>Storage:</td>
<td>REFRIGERATE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>JC POLYOMA VIRUS DNA BY PCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>MISC</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>1 ML EDTA PLASMA - FROZEN ASAP</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>JO-1 ANTIBODY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>JO1</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>SERUM 1 ML - REF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>K2 (HERBAL OR SYNTHETIC MARIJUANA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>MISC</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>5 ML URINE - REFRIG</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>KAPPA/LAMBDA LIGHT CHAINS, FREE (SERUM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>KLFRS</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>Serum - refrigerated</td>
</tr>
<tr>
<td>Volume:</td>
<td>1 mL</td>
</tr>
<tr>
<td>Container:</td>
<td>7 ml SST</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>Avoid lipemia. Refrigerate</td>
</tr>
</tbody>
</table>
Test Name: KAPPA/LAMBDA, FREE, URINE
  Test ID: UFLCL
  Testing Facility: Reference Laboratory
  Volume: 2ML URINE
  Specimen Handling: 2 ML RANDOM OR FROM WELL MIXED 24 HOUR COLLECTION
  Storage: REFRIGERATED

Test Name: KEPPRA
  Test ID: KEPPRA
  Synonyms: Levetiracetam
  Testing Facility: Reference Laboratory
  Specimen Handling: 1 ML SERUM - PLAIN RED TOP - REFRIG Centrifuge and transfer serum to plastic vial.

Test Name: KETAMINE AND METABOLITE
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: SERUM 3 ML FROM PLAIN RED - REF Centrifuge and transfer serum to plastic vial.
  Additional Information: SST TUBES ARE UNACCEPTABLE

Test ID: KETONES, URINE
  Test ID: KETUA
  Synonyms: Acetone (u)
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
  Specimen Type: Random urine
    Volume: 1 mL
    Container: Plastic urine tube
  Specimen Handling: Keep on ice or refrigerate
Test Name: KLEIHAUER-BETKE STAIN
  Test ID: KBS
  Synonyms: KB Stain
  Testing Facility: Aultman Laboratory
  Turnaround Time: 24 hours
  Specimen Type: Whole blood (EDTA)
    Volume: 3 mL
    Container: 5 mL lav top tube
    Storage: Refrigerated.

Test Name: LACOSAMIDE
  Test ID: LACOS
  Testing Facility: Reference Laboratory
  Specimen Handling: 2 mL serum. Plain Red top tube.
  Centrifuge and transfer serum to plastic vial.
  Refrigerate
  Additional Information: SST is unacceptable.

Test Name: LACTIC ACID, BODY FLUID
  Test ID: LACBF
  Test Includes: Body fluid type, lactic acid
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
  Specimen Type: Body fluid
    Volume: 2 – 4 mL

Test Name :LACTIC ACID, CSF
  Test ID: LACSF
  Synonyms: Lactate
  Test Includes: Specimen type, lactic acid
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
  Specimen Type: CSF
    Volume: 1 mL
    Container: Deliver to lab ASAP
Test Name: LACTIC ACID, WHOLE BLOOD
Test ID: LAC
Synonyms: Lactate
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Precollection Instructions: Draw without a tourniquet
Specimen Type: Whole blood
Volume: 2mL
Container: 1 Lithium Heparin green top or 1 arterial/venous blood gas syringe
Specimen Handling: Collect on ice. Avoid hemolysis. Deliver to stat lab immediately. Specimens for lactic acid should not be drawn outside the main hospital campus.

Test Name: LACTOSE TOLERANCE TEST
Test ID: LTT
Test Includes: Fasting glucose and glucose levels drawn at 15, 30, 45, 60, 90, and 120 minutes after the administration of lactose.
Testing Facility: Aultman Laboratory
Turnaround Time: Within 2 hours after the last specimen is received.
Precollection Instructions: Schedule test with venipuncture 24 hours in advance.
Specimen Type: Serum
Volume: 1 mL
Container: 5 mL SST

Test Name: LAMOTRIGINE (LAMICTAL)
Test ID: LMTR
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - PLAIN RED TOP - REFRIG
Centrifuge and transfer serum to plastic vial.
Additional Information: PLAIN RED TOP

Test Name: LAXATIVE ABUSE SCREEN
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 10 GM RANDOM STOOL - REFRIG
Test Name: LD ISOENZYMES
Test ID: LDISO
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - ROOM TEMPERATURE
Additional Information: INCLUDES TOTAL LD

Test Name: LD, BODY FLUID
Test ID: LDBF
Synonyms: Body fluid LDH
Test Includes: Body fluid type, LD
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Body fluid
Volume: 2 – 4 mL

Test Name: LD, SERUM
Test ID: LD
Synonyms: LDH, lactate dehydrogenase
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
Volume: 1 mL
Container: SST or Plasma Lithium Heparin.
Specimen Handling: Avoid hemolysis
Storage: Refrigerate.

Test Name: LDL, CHOLESTEROL DIRECT
Test ID: LDLDCT
Synonyms: LDL DIRECT CHOLESTEROL
Testing Facility: Reference Laboratory
Precollection Instructions: PATIENT MUST BE FASTING
Specimen Handling: SERUM 1 ML – REF

Test Name: LEAD, BLOOD
Test ID: LEAD2
Testing Facility: Reference Lab
Specimen Type: Whole blood
Container: (EDTA) Navy Blue with additive - Refrigerate
Specimen Handling: Heavy Metal form for Leads MUST accompany the sample. Cannot be sent without it

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEAD, URINE 24 HOUR</td>
<td>ULEADQ</td>
<td>Reference Laboratory</td>
<td>15 ML FROM 24 HR COLLECTION - REF</td>
<td>TRANSPORT IN ACID WASHED TUBE</td>
</tr>
<tr>
<td>LEGIONELLA ANTIBODIES</td>
<td></td>
<td>Reference Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEGIONELLA URINE ANTIGEN</td>
<td>LUA</td>
<td>Aultman Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEPTOSPIRA ANTIBODY</td>
<td>LEPAB</td>
<td>Reference Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Name: LEUKOCYTE ALKALINE PHOSPHATASE – CONTACT HEMATOLOGY BEFORE COLLECTION</td>
<td></td>
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<tr>
<td>---------------------------------</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test ID: MISC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turnaround Time: 24 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specimen Type: Heparinized whole blood</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume: 5 mL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Container: 5 mL green top tube</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Specimen Handling: Protect From Light</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Additional Information: MUST BE DRAWN AT THE MAIN HOSPITAL ONLY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage: Room Temperature</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: LH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: LH</td>
</tr>
<tr>
<td>Synonyms: Luteinizing hormone</td>
</tr>
<tr>
<td>Testing Facility: Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time: Done on daily. Results available the same day.</td>
</tr>
<tr>
<td>Specimen Type: Serum</td>
</tr>
<tr>
<td>Volume: 1 mL</td>
</tr>
<tr>
<td>Container: 7 mL SST</td>
</tr>
<tr>
<td>Storage: Refrigerate.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: LIDOCAINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: LIDO</td>
</tr>
<tr>
<td>Synonyms: Xylocaine</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling: SERUM 1ML PLAIN RED</td>
</tr>
<tr>
<td>Centrifuge and transfer serum to plastic vial.</td>
</tr>
<tr>
<td>Additional Information: SST TUBES ARE UNACCEPTABLE</td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: LIPASE, SERUM  
Test ID: LIP  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or Plasma Lithium Heparin.  
Specimen Handling: Separate serum from cells ASAP  
Storage: Refrigerate.

Test Name: LIPID PROFILE  
Test ID: LIPID  
Test Includes: Cholesterol, triglycerides, HDL, LDL and VLDL cholesterol and cholesterol/HDL cholesterol ratio  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. Results available the next day.  
Pre-collection Instructions: A 12-hour fast is required  
Specimen Type: Serum or Plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 2 mL  
Container: SST or plasma lithium heparin.  
Storage: Refrigerate.

Test Name: LIPOPROTEIN (a)  
Test ID: LPA  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 1 ML - REF
Test Name: LIQUID-BASED PAP SMEAR
Testing Facility: Aultman Laboratory
Turnaround Time: Monday-Friday received by 3:00pm. 4 working days. Abnormal PAP smear results take longer pending Pathologist review.

Pre-collection Instructions: Requisition: Use Cerner requisition for in-patient specimens. Use Form 308-A (Cytology) for outpatient specimens

Specimen Collection / Transfer Instructions:
The following information must be included on the requisition:
1. The patient’s name, birth date, medical record number
2. Mark the source (cervical, vaginal, endocervical, vault)
3. Include any pertinent clinical information (esp. post menopausal bleeding, previous abnormal history)
4. Mark the HPV Reflex box if additional testing is requested with an ASCUS result
5. Mark the “HPV Testing Regardless” box if HPV testing is requested no matter what the diagnosis is.
6. List any physicians that require a copy of the report
7. The patient’s Social Security number is helpful but not required

Collection procedure:
NOTE: THIS PROCEDURE MUST BE PERFORMED BY A PHYSICIAN OR A NURSE PRACTITIONER UNDER THE DIRECTION OF A PHYSICIAN.
1. Place the patient in the dorsolithotomy position.
2. Insert a vaginal speculum. Use warm water to warm up and lubricate the speculum. Do not use vaginal lubricants prior to specimen collection. Lubricants can interfere with cell transfer to the slide and obscure cells.
3. Insert the collection device into the endocervical canal. Gently apply pressure until the bristles form against the cervix.
   a) Endocervical brush/spatula collection device - slowly rotate 1/4 or 1/2 turn in one direction. DO NOT over rotate.
   B) Broom-like device - rotate the broom in a clockwise direction five times.
4. Rinse the collection device into the vial (10 times, swirling vigorously to further release material)
5. Discard collection device.
6. Tightly the cap to prevent leaking.
7. Vials with specimen will be viable up to 4 weeks after collection. They do not need to be refrigerated.

Materials needed:
1. Vial used to collect and transport the specimen
2. Cervix brush collection device or the combo kit collection device

Specimen vials and collection device supplies are available through Cytology.

Continued to the next page......
**Container:** It is very important to record two patient identifiers on the specimen vial. The date of collection and the physician’s name are also helpful for accessioning purposes. Specimen vials do not need to be refrigerated before or after collection. Do not use the vials after the expiration date on the vial. Specimens are viable up to 4 weeks after collection.

**Specimen Handling:** Place the vial and the requisition into a biohazard bag for transport to the laboratory by the ALS courier. In-house Surepath specimens can also arrive via the tube system. During normal day shift hours, the specimens should be delivered directly to Cytology and placed in the designated drop-off collection box in the department. After hours, the specimens can be dropped off in the ALS accessioning area in the designated drop-off place.

---

**Test Name:** LISTERIA ANTIBODY  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Type:** 1 ML SERUM FROM PLAIN RED TOP TUBE – REFRIGERATED  
**Additional Information:** SST ALSO ACCEPTABLE

---

**Test Name:** LISTERIA CSF  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML CSF REFRIG

---

**Test Name:** LITHIUM  
**Test ID:** LITH  
**Synonyms:** Lithobid  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Pre-collection Instructions:** Usual sampling time: Trough - 12 hours after evening dose.  
**Specimen Type:** Serum/Plain red top/Plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Container:** SST/Plain Red Top/Plasma Lithium heparin

---

**Test Name:** LIVER CYTOSOL AUTOANTIBODIES  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory - ARUP  
**Specimen Handling:** SERUM 1 ML – REF
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>LKM Antibody</td>
<td>LKM</td>
<td>Reference Laboratory</td>
<td>Serum 1 ml - Refrigerated</td>
<td>AKA: Liver Kidney Microsomal Antibody</td>
</tr>
<tr>
<td>Long Chain Fatty Acid</td>
<td>LCFA</td>
<td>Reference Laboratory</td>
<td>1 ml Serum SST Frozen</td>
<td></td>
</tr>
<tr>
<td>LORAZEPAM</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>Serum 2 ml - Plain Red Top</td>
<td>Centrifuge and transfer serum to plastic vial.</td>
</tr>
<tr>
<td>Lupus Analyzer</td>
<td>ANALZ</td>
<td>Aultman Laboratory</td>
<td>Serum</td>
<td>Specimen Type: 5 ml, Container: 10 ml Plain red top and two 7 ml SST tubes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Specimen Handling: Avoid hemolysis. Separate serum from cells and refrigerate.</td>
<td></td>
</tr>
<tr>
<td>Lyme Ab Early Disease</td>
<td>LMERLY</td>
<td>Reference Laboratory</td>
<td>1 ml Serum (SST)</td>
<td>Specimen Type: 1 ml Serum (SST), Storage: Refrigerated, Additional Information: Positive or equivocal results will automatically reflex to Lyme IgG and IgM Western Blot</td>
</tr>
<tr>
<td>Test Name</td>
<td>Test ID</td>
<td>Testing Facility</td>
<td>Volume</td>
<td>Specimen Handling</td>
</tr>
<tr>
<td>---------------------------</td>
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<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>LYME ANTIBODIES IGG, IGM, CSF</td>
<td>BBURG</td>
<td>Reference Laboratory</td>
<td>3 ML CSF REFRIGERATED</td>
<td></td>
</tr>
<tr>
<td>LYME DISEASE PCR</td>
<td>LYPKR</td>
<td>Reference Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LYSOZYME, SERUM</td>
<td>LYSO2</td>
<td>Reference Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MACROSCOPIC EXAM ATHROPOD</td>
<td>EXAM A</td>
<td>Aultman Laboratory</td>
<td></td>
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</tr>
<tr>
<td>MACROSCOPIC EXAM PARASITE</td>
<td>EXAMP</td>
<td>Aultman Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAG AB IGM</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test Name: MAGNESIUM 24 HR UR</td>
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<tr>
<td><strong>Test ID:</strong> UMAGD</td>
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<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
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<td></td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> 10 ML FROM 24 HR COLLECTION - REF</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: MAGNESIUM, FECAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> MISC</td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> 5 MG STOOL - REFRIG</td>
</tr>
<tr>
<td><strong>Additional Information:</strong> MUST BE LIQUID STOOL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: MAGNESIUM, RBC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> MAGRBC</td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> 1 ML RED BLOOD CELLS – DARK BLUE WITH ADDITIVE (EDTA) – CENTRIFUGE WHOLE BLOOD AND DISCARD PLASMA WITHIN 4 HRS OF COLLECTION. POUR RED BLOOD CELLS INTO TRANSPORT TUBE.</td>
</tr>
<tr>
<td><strong>Additional Information:</strong> ROOM TEMPERATURE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: MAGNESIUM, SERUM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Test ID:</strong> MG</td>
</tr>
<tr>
<td><strong>Synonyms:</strong> Mg</td>
</tr>
<tr>
<td><strong>Testing Facility:</strong> Aultman Laboratory</td>
</tr>
<tr>
<td><strong>Turnaround Time:</strong> Done 7 days/week – 24 hours/day. Results available the same day.</td>
</tr>
<tr>
<td><strong>Specimen Type:</strong> Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.</td>
</tr>
<tr>
<td><strong>Volume:</strong> 1 mL</td>
</tr>
<tr>
<td><strong>Container:</strong> SST or plasma lithium heparin.</td>
</tr>
<tr>
<td><strong>Specimen Handling:</strong> Avoid hemolysis</td>
</tr>
<tr>
<td><strong>Storage:</strong> Refrigerate.</td>
</tr>
</tbody>
</table>
Test Name: MALARIA SMEAR  
Test ID: MAL  
**MUST PROVIDE:** Patient must provide travel history  
**Test Includes:** Microscopic examination for Malaria.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily 0700 - 2400. Stat requests only 0000-0700. Results available in 1 day.  
**Specimen Type:** Blood from a fingerstick and EDTA tube.  
**Volume:** 6 thin smears and 6 thick smears on glass microscope slides.  
**Container:** Slide holder.  
**Specimen Handling:** Collection:  
A. Thin smears:  
1) Using a 70% alcohol pad, clean the area of the finger to be punctured. Allow the skin to air dry.  
2) Puncture the finger with controlled motion using a blood lancet.  
3) Allow the blood to form a droplet by applying gentle pressure to the finger.  
4) Handling the clean slides by the edges, touch the slide to the finger and obtain a small drop of blood. Using a second clean slide, spread the blood the length of the slide. The angle between the spreading slide and the blood drop should be about 30° so that the cells are distributed evenly. Draw the film out to a feathery edge.  
5) Make 6 slides in the same manner.  
B. Thick smears:  
1) Using a 70% alcohol pad, clean the area of the finger to be punctured. Allow the skin to air dry.  
2) Puncture the finger with controlled motion using a blood lancet.  
3) Allow the blood to form a droplet by applying gentle pressure to the finger.  
4) Place 2-3 drops of blood on a clean slide and pool the drops into a thick film with the corner of another slide. Make the pool about the size of a dime.  
5) Allow the slide to air dry.  
6) If EDTA is used, thick and thin smears must be made within 1 hour of collection. Transport: Deliver to Microbiology as soon as possible. Storage: Room temperature.

---

Test Name: MANGANESE  
Test ID: SMANG  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 2 ML SERUM FROM DARK BLUE WITHOUT ADDITIVE – ROOM TEMPERATURE  
**Additional Information:** POUR OFF INTO TRACE ELEMENT TUBE

---

Test Name: MEASLES-RUBEOLA IGM  
**Test Name:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF  
**Additional Information:** 7ml SST Refrigerate
Test Name: MELATONIN
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 3 ML EDTA PLAS - FROZEN
Additional Information: SHOULD BE DRAWN IN DARKNESS; SPIN AND FREEZE ASAP

Test Name: MENINGITIS ENCEPHALITIS CSF PCR SCREEN
Test ID: MEPCR
Testing Facility: Aultman Hospital
Test Includes: Detection of Cytomegalovirus, Herpes simplex viruses 1 and 2, Enterovirus, Human herpesvirus 6, Human Parechovirus, Varicella Zoster virus, Escherichia coli K1, Haemophilus influenzae, Listeria monocytogenes, Neisseria meningitidis, streptococcus agalactiae, Streptococcus pneumoniae, and Cryptococcus neoformans/gattii.
Turnaround Time: 2 Hours, Offered 24 hours a day
Specimen Handling: 0.5ml CSF Fluid
Additional Information: CSF Collection tube #3 or #4 Refrigerate

Test Name: MERCURY, 24 HR UR
Test ID: UMERC3
Testing Facility: Reference Laboratory
Specimen Handling: 10 ML URINE FROM 24 HR COLL - REF
Additional Information: AVOID SEAFOOD FOR 48 HRS PRIOR TO COLLECTION; SEND IN ACID WASHED TUBE

Test Name: MERCURY, BLOOD
Test ID: MERC2
Testing Facility: Reference Laboratory
Specimen Handling: 7 ML WHOLE BLOOD FROM DARK BLUE TUBE WITH ADDITIVE (EDTA) – ROOM TEMPERATURE
Additional Information: TRANSPORT IN ORIGINAL TUBE

Test Name: METANEPHRINES, 24 HR UR
Test ID: METU
Testing Facility: Reference Laboratory
Specimen Handling: 10 ML URINE FROM 24 HR COLL - REF

Test Name: METANEPHRINES, PLASMA
Test ID: METP
Testing Facility: Reference Laboratory
Specimen Handling: EDTA PLASMA 2 ML - FROZEN
Test Name: METHADONE & METABOLITE
Test ID: MMTAB
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2ML - PLAIN RED TOP - ROOM TEMP Centrifuge and transfer serum to plastic vial.
Additional Information: PUT "PEAK" OR "TROUGH" IN COMMENTS; SST UNACCEPTABLE

Test Name: METHEMOGLOBIN
Test ID: METHB
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available within 2 hours.
Specimen Type: Whole blood
Volume: 2 mL
Container: 5 mL green top tube
Specimen Handling: MUST BE DRAWN AT MAIN HOSPITAL OPD. MUST BE PROCESSED WITHIN 2 HRS

Test Name: METHOTREXATE/STAT
Test ID: METHS
Synonyms: Mexate, MTX
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - FROZ
Additional Information: CALL AKRON CHILDRENS COURIER FOR PICK UP

Test Name: METHYLHISTAMINE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 10 ML URINE FROM 24 HR COLL - REF
Additional Information: AKA: N-METHYLHISTAMINE

Test Name: METHYLMALONIC ACID
Test ID: MMA
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2 ML - REF

Test Name: METHYLMALONIC ACID, URINE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 5 mL urine (random or 24hr), unpreserved, frozen.
Test Name: METHYLPHENIDATE (RITALIN)
Test ID: RITAL
Testing Facility: Reference Laboratory
Specimen Handling: 3 ML SERUM - PLAIN RED TOP - FROZEN Centrifuge and transfer serum to plastic vial.
Additional Information: Please collect at Main Hospital.

Test Name: MEXILETINE
Test ID: MEX
Synonyms: Mexitil
Testing Facility: Reference Laboratory
Specimen Handling: 1 ML SERUM - PLAIN RED TOP - REFRIG Centrifuge and transfer serum to plastic vial.
Additional Information: EDTA PLASMA ALSO ACCEPTABLE

Test Name: MICROALBUMIN, 24 HOUR URINE
Test ID: MALBU
Test Includes: Collection time, volume, creatinine, microalbumin 24-hour excretion and excretion rate
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. If specimen is received by 0900, results are available the same day.
Precollection Instructions: No preservative necessary. See 24-hour Urine Collection Instructions.
Specimen Type: 24-hour urine
Volume: Submit entire urine collection to lab
Container: Obtain collection container from lab
Specimen Handling: Keep specimen on ice during collection

Test Name: MICROALBUMIN, RANDOM URINE
Test ID: MALBR
Test Includes: Microalbumin, albumin/creatinine ratio
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. If specimen is received by 0900, results are available the same day.
Specimen Type: Urine, random
Volume: 10 mL
Container: Plastic urine tube
Test Name: MICROsomAL ANTIBody Or Anti-ThyroID Peroxidase
Test ID: ATPO
Test Includes: Microsomal Antibody, Thyroid Peroxidase Antibodies, included in Thyroid Antibody test (THYAB)
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available same day.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
Volume: 2 mL
Container: SST or Plasma Lithium Heparin.
Specimen Handling: Centrifuge and transfer serum to plastic vial. Freeze.

Test Name: MICROsporidia
Test ID: MICRO TO ORDER
Testing Facility: Reference Laboratory
Specimen Handling: 2 GRAM STOOL IN FORMALIN VIAL
Additional Information: ROOM TEMPERATURE

Test Name: MITOCHONDRIAL ANTIBody
Test ID: MITO
Synonyms: AMA
Test Includes: Mitochondrial antibody screen
Testing Facility: Aultman Laboratory
Turnaround Time: Done M – F. Results available within 3 days.
Specimen Type: Serum
Volume: 1 – 2 mL
Container: 7 mL SST
Specimen Handling: Avoid hemolysis

Test Name: MITOTANE, SERUM
Test ID: MTANE
Testing Facility: Reference Laboratory
Specimen Handling: 2 mL serum. Plain Red top.
Centrifuge and transfer serum to plastic vial.
Storage: Refrigerated
Test Name: MONONUCLEOSIS  
Test ID: MONO  
Synonyms: Heterophile agglutination test, MONOSPOT  
Testing Facility: Aultman Laboratory  
Turnaround Time: Routine: Done daily M – F. Results available in 1 day. STAT/urgent: Done as received. Results available in 15 minutes.  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST  
Specimen Handling: Avoid hemolysis

Test Name: MOTOR/SENSORY NEUROPATHY EVAL  
Test ID: SENMOT  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM SST 3 ML - REF

Test Name: MRSA SCREEN PCR  
Test ID: MRSAPCR  
Test Includes: Screening of nares for detection of Methicillin Resistant Staphylococcus aureus.  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done Daily 24/7  
Specimen Collection / Transfer Instructions: Insert swabs into nare, parallel to the nasal septum, gently roll 5 times along anterior nare. Slowly withdraw swabs and repeat in other nare with same swabs. Carefully place swabs into the transport tube and close cap.  
Specimen Type: Nares  
Volume: 1 culturette, 2 swabs  
Container: 1 culturette, 2 swabs  
Specimen Handling: Deliver to Microbiology within 2 hours of collection for inpatients. Refrigerate.

Test Name: MUCOPOLYSACCHARIDES, URINE, QUAL  
Test ID: UMUCOP  
Testing Facility: Reference Laboratory  
Specimen Handling: 30 ML URINE - FROZ  
Additional Information: MUST BE FROZEN ASAP; EARLY AM SPEC PREFERRED
Test Name: MUMPS ANTIBODY  
Test ID: MUMP  
Test Includes: Mumps IgG. Does not include mumps IgM. Order IgM -MUMPM  
Testing Facility: Aultman Laboratory  
Turnaround Time: Results available within 5 days  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST.  
Specimen Handling: Refrigerate specimen.

Test Name: MUMPS IGM  
Test ID: MUMPM  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM SST 1 ML -REF

Test Name: MUSK ANTIBODY  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2 ML - REFRIGERATE

Test Name: MYCOPHENOLIC ACID  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM - PLAIN RED TOP -REF - EDTA PLASMA ALSO ACCEPTABLE Centrifuge and transfer serum to plastic vial.
Test Name: MYCOPLASMA ANTIBODY TITER
Test ID: MYCO
Test Includes: Mycoplasma IgG and IgM.
Testing Facility: Aultman Laboratory
Turnaround Time: IgM done daily M – F. Results available within 2 days. IgG results available within 5 days.
Specimen Type: Serum
   Volume: 1 mL
   Container: 7 mL SST

Test Name: MYELIN BASIC PROTEIN, CSF
Test ID: CMBP
Testing Facility: Reference Laboratory
Specimen Handling: CSF 2 ML - REF

Test Name: MYOGLOBIN URINE, QUANT
Test ID: MYYOU
Testing Facility: Reference Laboratory
Specimen Handling: 3 ML RANDOM URINE - FROZEN - SPECIAL TUBE. PH BEFORE FREEZING
Additional Information: EARLY AM SPEC. PREFERRED

Test Name: MYOGLOBIN, PLASMA
Test ID: MYOS
Synonyms: Myohemoglobin
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Plasma
   Volume: 1 mL Refrigerate
   Container: 5 mL green top tube
Specimen Handling: Centrifuge and transfer plasma to separate container within 2 hours

Test Name: MYOSITIS Panel
Test ID: MYOSPL
Testing Facility: Reference Laboratory
Specimen Type: 2 ml serum-REF
   Container: SST
Specimen Handling: Refrigerated
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>NARCOLEPSY PANEL</td>
<td>NARCO</td>
<td>Reference Laboratory</td>
<td>3ml Edta Whole Blood Refrigerate</td>
<td>INCLUDES DR2/DQ1</td>
</tr>
<tr>
<td>NEOPLAST BASIC PARANEoplastic PROFILE</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SERUM 4ML - REF</td>
<td></td>
</tr>
<tr>
<td>NEURON SPECIFIC ENOLASE</td>
<td>NSE</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td></td>
</tr>
<tr>
<td>NEURONAL NUCLEAR ANTIBODY (HU Antibody)</td>
<td>NEUAB</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td></td>
</tr>
<tr>
<td>NEUROTENSIN</td>
<td>MISC</td>
<td>Reference Laboratory - Mayo</td>
<td>3 ML PLASMA FROM A SPECIAL Z-TUBE</td>
<td>FASTING REQUIRED. Must be collected at Main Hospital.</td>
</tr>
</tbody>
</table>
Test Name: NEUTROPHIL CYTOPLASMIC ANTIBODY
  Test ID: ANCA
  Synonyms: ANCA
  Test Includes: Cytoplasmic neutrophil Ab, C-ANCA, P-ANCA, semi-quantitative by EIA (ELISA) method
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done twice weekly
  Specimen Type: Serum
    Volume: 1 mL
    Container: 7 mL SST
  Specimen Handling: Refrigerate serum

Test Name: NIACIN (VITAMIN B3)
  Test ID: VITB3
  Testing Facility: Reference Laboratory
  Specimen Handling: 2 ML EDTA PLASMA REFRIGERATE Centrifuge and transfer serum to plastic vial.

Test Name: NICKEL
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: 3 ML SERUM - ROOM TEMP FROM METAL FREE TUBE
  Additional Information: DK BLUE TUBE WITHOUT ADDITIVE

Test Name: NICOTINE AND METABOLITE, URINE
  Test ID: UNICOT
  Testing Facility: Reference Laboratory
  Specimen Handling: 5 ML - URINE – Room Temperature

Test Name: NICOTINE/COTITINE, SERUM
  Test ID: NICOT
  Testing Facility: Reference Laboratory
  Specimen Handling: 2 ML SERUM - PLAIN RED TOP - REF
  Centrifuge and transfer serum to plastic vial.
  Additional Information: SST TUBES ARE ACCEPTABLE
Test Name: NMO, IGG SERUM  
Test ID: NMOA4  
Testing Facility: Reference Laboratory  
Specimen Type: 1 ml Serum-Refrigerate  
Container: 7ml SST

Test Name: NMR LIPID PROFILE  
Test ID: NMRLPD  
Testing Facility: Reference Laboratory  
Specimen Handling: 4 ML SERUM FROM PLAIN RED TOP - REF  
Centrifuge and transfer serum to plastic vial.  
Additional Information: SST UNACCEPTABLE

Test Name: NORTRIPTYLINE  
Test ID: NOR  
Testing Facility: Reference Laboratory  
Specimen Type: 2 ML SERUM FROM PLAIN RED TOP - REFRIGERATE  
Specimen Handling: Centrifuge and transfer serum to plastic vial within 2 hrs of collection  
Additional Information: Collect immediately prior to next dose

Test Name: NT PRO BNP  
Test ID: PBNP  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days per week, 24 hours per day.  
Specimen Type: Plasma (Lithium Heparin)  
Volume: 1 mL  
Container: 4 mL Green top (Lithium Heparin)  
Specimen Handling: Separate Plasma within 2 hrs. Plasma stable for 3 days.  
Storage: Refrigerate.

Test Name: N-TELOPEPTIDE (See Crosslinked N-telopeptide)

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: O2 SATURATION  
Test ID: O2SAT  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available within 1 hour.  
Precollection Instructions: Collect on ice  
Specimen Type: Whole blood  
  Volume: 1 mL  
  Container: Arterial blood gas syringe  
Specimen Handling: Return to lab immediately

Test Name: OCCULT BLOOD, FECAL  
Test ID: OCC  
Synonyms: Hemoccult  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week; 24 hours/day. Results available the same day.  
Specimen Type: Feces  
  Volume: 2 g  
  Container: Hemoccult slide  
Specimen Handling: Keep slide at room temperature, DO NOT REFRIGERATE.

Test Name: OCCULT BLOOD, GASTRIC  
Test ID: OCCG  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week; 24 hours/day. Results available the same day.  
Specimen Type: Gastric contents  
  Volume: 2 g  
  Container: Gastroccult slide  
Specimen Handling: Keep slide at room temperature, DO NOT REFRIGERATE.

Test Name: OLANZAPINE  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML SERUM -PLAIN RED TOP - Frozen and transfer serum to plastic vial.  
Additional Information: Must be drawn at Main Hospital.
Test Name: OLIGOCLONAL BANDS, CSF  
Test ID: OBAND  
Testing Facility: Reference Laboratory  
Specimen type: 1 ML EACH CSF/ SERUM FROM SST - REFRIGERATED  
Specimen Handling: SPECIMENS MUST BE COLLECTED IN THE SAME 24 HR PERIOD

Test Name: OPIATE CONFIRMATION  
Test ID: OPICON  
Testing Facility: Reference Laboratory  
Specimen Handling: 10ml urine, refrigerated

Test Name: ORGANIC ACIDS, URINE  
Test ID: UORA  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML URINE - FROZ  
Additional Information: RANDOM COLLECTION; NO PRESERVATIVES

Test Name: ORGANIC ACIDS, PLASMA (NO LONGER AVAILABLE AT ANY REFERENCE LAB)  
Testing Facility: Reference Laboratory

Test Name: OSMOLALITY, SERUM  
Test ID: OSMOS  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST

Test Name: OSMOLALITY, URINE  
Test ID: OSMOU  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Collection / No preservatives should be used  
Specimen Type: Urine, random  
Volume: 1 mL  
Container: Plastic urine tube

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: OSMOLALITY, FECAL
Test ID: SOSM
Testing Facility: Reference Laboratory
Specimen Handling: LIQUID STOOL 5 ML - FROZEN
Additional Information: FORMED STOOLS WILL BE REJECTED

Test Name: OSMOTIC FRAGILITY
Test ID: FRAG
Testing Facility: Reference Laboratory
Specimen Handling: 5ML EDTA WHOLE BLD - REFRIG
Additional Information: A CONTROL TUBE MUST ACCOMPANY PATIENT TUBE

Test Name: OSTEOCALCIN, HUMAN
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - FROZ
Additional Information: OVERNIGHT FASTING PREFERRED; AVOID HEMOLYSIS

Test Name: OSTEOMARK, RANDOM URINE (See Cross-linked N-telopeptide, Urine)
Testing Facility: Reference Laboratory

TEST NAME: OVA & PARASITE EXAM
TEST ID: OVAP
Test Includes: Microscopic exam (direct and concentrated smear) for intestinal parasites.
Testing Facility: REFERENCE LAB
Turnaround Time: Done M - F.
Pre-collection Instructions: Travel history must be included. It is imperative that all stool specimens be free of purgatives such as magnesium and oil, and materials like barium, bismuth and kaolin.
Specimen Type: STOOL PLACED INTO THE O & P KIT
Volume: 2 grams of stool or 5 - 7 mL of liquid.
Container: Clean container with a tight-fitting lid.
Specimen Handling: Collection:
   A. Specimen should be collected in a clean, dry container. The specimen must be free of water and urine.
   B. For best results, several specimens, preferably 3 taken at 2 - 3 day intervals, should be sent. More than one specimen from the same day should not be sent.
Test Name: OVARY ANTIBODY  
Test ID: OVARAN  
Testing Facility: Reference Laboratory  
Container: RED TOP  
Specimen Handling: SERUM 1ML - FROZEN  
CENTRIFUGE AND TRANSFER SERUM TO SEPARATE CONTAINER

Test Name: OXALATE, 24 HR UR  
Test ID: OXU24  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML URINE FROM 24 HR COLL - REF

Test Name: OXAZEPAM (SERAX)  
Test ID: OXAZ  
Synonyms: Serax  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 1 ML PLAIN RED TOP - REF  
Centrifuge and transfer serum to plastic vial.

Test Name: OXCARBAZEPINE (TRILEPTAL)  
Test ID: OXCARB  
Testing Facility: Reference Laboratory  
Specimen: 2 ML SERUM - PLAIN RED TOP - REFRIGERATE  
Specimen Handling: Centrifuge and transfer serum to plastic vial.  
Additional Information: AKA: 10-HYDROXYCARBAZEPINE

Test Name: OXYCODONE CONFIRMATION  
Test ID: UOXYCC  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 mL urine, refrigerated

Test Name: PAI - 1 ACTIVITY  
Test ID: PAI  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML CITRATED PLASMA - FROZ  
Additional Information: NOT TO BE CONFUSED WITH GENE STUDY. Please collect at Main Hospital.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAI-1 GENE STUDY (4G/5G)</td>
<td>PAIGEN</td>
<td>Reference Laboratory</td>
<td>3 LAV - WHOLE BLOOD - REFRIGERATE</td>
<td>NOT TO BE CONFUSED WITH ACTIVITY</td>
</tr>
<tr>
<td>PAIN MANAGEMENT DRUG SCREEN</td>
<td>PMDS</td>
<td>Reference Laboratory</td>
<td>10 ml Urine, Refrigerated</td>
<td></td>
</tr>
<tr>
<td>PANCREASTATIN</td>
<td>FPANS</td>
<td>Reference Laboratory</td>
<td>2 ML SERUM FROM SST TUBE - FROZEN</td>
<td>FASTING REQUIRED – Please collect at Main Hospital.</td>
</tr>
<tr>
<td>PANCREATIC ELASTASE 1</td>
<td>PANCEF</td>
<td>Reference Laboratory</td>
<td>STOOL 1 GRAM - FROZEN</td>
<td>NO PRESERVATIVE OR FIXATIVE</td>
</tr>
<tr>
<td>PANCREATIC POLYPEPTIDE</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM FROM AN SST TUBE - FROZEN</td>
<td>OVERNIGHT FASTING PREFERRED</td>
</tr>
<tr>
<td>PARANEOPLASTIC PNL.</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>4 ML SERUM FROM PLAIN RED TOP TUBE - REFRIGERATED</td>
<td>SST TUBE ALSO ACCEPTABLE</td>
</tr>
</tbody>
</table>
**Test Name:** PARIETAL CELL ANTIBODY  
**Test ID:** PARIE  
**Synonyms:** APCA  
**Test Includes:** Detection of gastric parietal cell antibodies  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done M – F. Results available within 3 days.  
**Specimen Type:** Serum  
  **Volume:** 1 – 2 ML  
  **Container:** 7 mL SST  
**Specimen Handling:** Avoid hemolysis

**Test Name:** PAROXETINE  
**Test ID:** MISC - LabCorp  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 2ML PLAIN RED TOP - REF  
  Centrifuge and transfer serum to plastic vial.  
**Additional Information:** SST TUBES ARE UNACCEPTABLE

**Test Name:** PARVOVIRUS ANTIBODY  
**Test ID:** PAB  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF  
**Additional Information:** INCLUDES IGG AND IGM; AKA: FIFTH'S DISEASE

**Test Name:** PARVOVIRUS PCR  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** EDTA PLASMA 1 ML - FROZEN  
**Additional Information:** SERUM and CSF also acceptable

**Test Name:** PCR RESPIRATORY ID PANEL WITH COVID  
**Test ID:** RESCVID  
**Test Includes:** Detection of Adenovirus, Coronavirus (4 subtypes), Human Metapneumovirus, Human Rhinovirus/Enterovirus, Influenza A (4 subtypes), Influenza B, Parainfluenza 1-4, RSV, Bordetella pertussis/parapertussis, Chlamydia pneumoniae, and Mycoplasma pneumoniae  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Available 24/7 --STAT 2 hours  
**Specimen Type:** NPH swab  
  **Container:** Viral Transport Medium  
  **Storage:** Refrigerate
Test Name: PEMPHIGOID AB  
Test ID: MISC - Mayo  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM - REFRIGERATED  
Additional Information: AKA: BULLOUS PEMPHIGOID AB

Test Name: PENTOBARBITOL  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML Plasma Sodium or Lithium Heparin Green Top Frozen

Test Name: PH (venous)  
Test ID: PHV  
Synonyms: pH  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Collection: Collect on ice  
Specimen Type: Whole blood  
Volume: 2 mL  
Container: 5 mL green top tube  
Specimen Handling: Collect on ice. Bring to lab immediately.

Test Name: PH, BODY FLUID  
Test ID: PHBF  
Synonyms: pH, body fluid  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24hrs/day. Results available same day.  
Specimen Collection / Do not introduce air into specimen. Collect anaerobically.  
Specimen Type: Body fluid  
Volume: 1 ml  
Container: Sterile container or sterile syringe  
Specimen Handling: Refrigerate.

Test Name: PH, STOOL  
Test ID: PHF  
Testing Facility: Reference Laboratory  
Specimen Handling: STOOL - 5 GM - Frozen  
Additional Information: LIQUID SAMPLE PREFERRED; RANDOM COLLECTION
Test Name: PH, URINE DIPSTICK  
Test ID: PHUA  
Test Includes: Dipstick for urine pH  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Collection: Keep on ice or refrigerate  
Transfer Instructions:  
Specimen Type: Random urine  
Volume: 2 mL  
Container: Plastic urine tube

Test Name: PHENOBARB  
Test ID: PHBAR  
Test Includes: Time of last dose, phenobarbital  
Testing Facility: Aultman Laboratory  
Turnaround Time: one 7 days/week, 24 hours/day. Results available the same day.  
Precollection Instructions: Usual sampling time: trough level.  
NOTE: Due the phenobarbital’s long elimination half-life, the actual sampling time is not critical. However, when making comparative measurements, it is important that the sampling time be consistent.  
Specimen Type: Serum/Plain red top/Plasma Lithium Heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST/Plain Red Top/Plasma Lithium Heparin  
Specimen Handling: Centrifuge and transfer serum to plastic vial.  
Storage: Refrigerate.

Test Name: PHENYLALANINE  
Test ID: PHENL  
Testing Facility: Reference Laboratory  
Specimen Handling: Lithium or Sodium HEPARIN PLASMA - 1ML FROZEN
Test Name: PHENYTOIN  
Test ID: PHENY  
Synonym: Dilantin  
Test Includes: Time of last dose, phenytoin  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Precollection Instructions: Usual sampling times:  
- IV: 2 – 4 hours after dose  
- Oral: trough  
NOTE: This drug has a long elimination phase. Therefore, the actual sampling time is not critical; however, when making comparative measurements, the sampling time should be consistent.  
Specimen Type: Serum/Plain Red Top/Plasma Lithium Heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST/Plain Red Top/Plasma Lithium Heparin  
Specimen Handling: Centrifuge and transfer serum to plastic vial.  
Storage: Refrigerate.

Test Name: PHENYTOIN, FREE  
Test ID: PHENF  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2 ML - REF  
Additional Information: PLAIN RED TOP - DOES NOT INCLUDE TOTAL  
Centrifuge and transfer serum to plastic vial.

Test Name: PHOSPHATIDYSERINE AB (IGG, IGM & IGA)  
Test ID: PHOGMA  
Testing Facility: Reference Laboratory  
Specimen Type: SERUM-REF SST  
Volume: 1.0 ml  
Container: 7ml SST

Test Name: PHOSPHOLIPID AB (see Cardiolipin Ab)
Test Name: PHOSPHORUS, 24 HOUR URINE  
Test ID: PHU24  
Synonyms: Inorganic phosphorus  
Test Includes: Collection time, volume, creatinine, phosphorus  
Testing Facility: Aultman Laboratory  
Turnaround Time: If specimen is received by 1000, results available the same day.  
Precollection Instructions: No preservative. See 24-hour Urine Collection Instructions.  
 Specimen Handling: Keep specimen on ice during collection.

Test Name: PHOSPHORUS, RANDOM URINE  
Test ID: PHUR  
Synonyms: Inorganic phosphorus Urine  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Type: Random urine  
Volume: 2 mL  
Container: Plastic urine tube

Test Name: PHOSPHORUS, SERUM  
Test ID: PHOS  
Synonyms: Inorganic phosphorus  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Type: Serum or Plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or Plasma Lithium Heparin  
Specimen Handling: Avoid hemolysis. Separate serum from cells within 2 hours.  
Storage: Refrigerate.
Test Name: PINWORM EXAM
Test ID: PIN
Test Includes: Examination of scotch tape prep for pinworms (Enterobius vermicularis).
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily 0700 - 2400. Results available in 1 day.
Precollection Instructions: Patient should not be active. The specimen should be collected prior to washing or using the restroom.
Specimen Type: Scotch tape preparation of stool.
Volume: 1 scotch tape prep.
Container: Slide holder.
Specimen Handling: Collection:
A. Collect specimen in the early morning.
B. Place a 3 inch strip of CLEAR (do NOT use frosted) scotch tape, sticky side out, over one end of a tongue depressor. Hold in place with thumb and finger.
C. Spread buttocks and press the tongue depressor against anal opening, being careful to cover the area between moist and dry areas.
D. Spread the tape smoothly sticky side down on a microscope slide. Label the slide with the patient’s name and date of collection. Submit the slide to Microbiology in a cardboard slide holder.
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.
Storage: Room temperature.

Test Name: PLACENTAL LACTOGEN
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML PLAIN RED TOP - FROZ Centrifuge
Additional Information: Must be drawn at the Main Hospital

Test Name: PLASMA FREE HEMOGLOBIN
Test ID: HGBPF
Testing Facility: Reference Laboratory
Specimen Handling: HEP. PLASMA 2 ML - REFRIGERATED
Additional Information: Sodium or Lithium GREEN TOP TUBE; CENTRIFUGE WITHIN 2 HRS
Test Name: PLASMA RENIN ACTIVITY
NOTE: Must be drawn at the Main Hospital
Testing Facility: Reference Laboratory
Specimen Handling: 2ML EDTA PLASMA - FROZEN
Additional Information: SAME AS RENIN ACTIVITY

Test Name: PLASMINOGEN
Test ID: PLGFUN
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML BLUE TOP PLASMA - FROZEN
Additional Information: Must be drawn at the Main Hospital

Test Name: PLATELET AB DIRECT
Test ID: PLABD
Testing Facility: Reference Laboratory
Specimen Handling: 3 LAV TOP: WHOLE BLD ROOM TEMP
Additional Information: Must be drawn at the main hospital Monday-Thursday before NOON.

Test Name: PLATELET AB INDIRECT
Test ID: PLTDET
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML SERUM - SST - FROZEN

Test Name: PLATELET COUNT
Test ID: PLT
Synonyms: Quantitative platelet count
Testing Facility: Aultman Laboratory
Turnaround Time: Urgent: 30-60 minutes, Routine: 6 hours
Specimen Type: Venous blood (EDTA) or free flowing capillary blood
Volume: 2 mL EDTA blood
Container: 2.5 mL lav top tube
Specimen Handling: A platelet count must be performed within 3 hours of collection.
Storage: Room temperature, or if > 12 hours refrigerate.
Additional Information: If unopettes are requested for a platelet count, the Hematology staff will set them up from the EDTA specimen collected.
Test Name: PLATELET FACTOR 4 AB  
Test ID: HIT  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML BLUE TOP PLASMA - FROZEN  
Additional Information: AKA: HIT (HEPARIN INDUCED THROMBOCYTOPENIA)

Test Name: PLATELET FUNCTION (Plateletworks)  
Test ID: PLTF  
Synonyms: Plateletworks  
Testing Facility: Aultman Laboratory  
Turnaround Time: Specimen should be run within 10 minutes of collection.  
Specimen Collection / Clarify orders that read "Platelet Function test" to distinguish Plateletworks fro PFA 100. Call Coag Transfer Instructions: (ext. #33987) for clarification. To be drawn on the floor, OPD, & ER by trained VP techs or trained personnel in OH only.  
Container: Special collection tubes in COAG. VP to obtain special collection tubes & butterfly collection needle from COAG.  
Specimen Handling: Specimens from the floor, OP, & ER to be HAND CARRIED ONLY to the Main or Stat labs. Transport specimens immediately without jarring or mixing.

Test Name: PLATELET FUNCTION ASSAY  
Test ID: PFA  
Synonyms: Replaces Bleeding Time  
Test Includes: Done daily. Results within 1 hour.  
Testing Facility: Aultman Laboratory  
Specimen Type: 2 Blue tops (3.2 % sodium citrate) and 1 Lavender top (EDTA)  
Volume: 2 mL  
Container: See above  
Specimen Handling: Collect with 19 gauge needle or larger and return to lab immediately for testing. Testing MUST be completed within 4 hours of collection in Aultman Lab; alternatively, specimen may be drawn in Aultman Outpatient Lab.

Test Name: PML/RARA T(15;17) QUANT PCR  
Test ID: APLPCR  
Testing Facility: Reference Laboratory  
Specimen Handling: 3ML EDTA WHOLE BLOOD REF, BONE MARROW  
ALSO ACCEPTABLE  
Additional Information: Must be done at the Main Hospital
Test Name: PNEUMOCOCCAL IGG ABS, 23 SEROTYPES
Test ID: PNE23
Testing Facility: Reference Laboratory
Specimen Type: 1.5 ML SERUM-REF
Container: SST
Specimen Handling: REFRIGERATED

Test Name: PNH PANEL
Test ID: PNHPNL
Testing Facility: Reference Laboratory
Specimen Handling: 1-10ML GREEN TOP (SODIUM HEPARIN) ROOM TEMP
Additional Information: WHOLE BLOOD; AKA CD55/CD59; RM. TEMP

Test Name: POLIOVIRUS ANTIBODY
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF
Additional Information: INCLUDES TYPE 1,2 AND 3

Test Name: POLYCHLORINATED BIPHENYLS
Test ID: PCB
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 3 ML PLAIN RED TOP - REF
Centrifuge and transfer serum to plastic vial.
Additional Information: SST TUBES ARE UNACCEPTABLE

Test Name: PORPHOBILINOGEN 24 HR URINE
Test ID: UPBGQT
Testing Facility: Reference Laboratory
Specimen Handling: 15 ML URINE FROM 24 HR COLL - FROZEN
Additional Information: PROTECT FROM LIGHT WITH FOIL; NO PRESERVATIVES
Test Name: PORPHOBILINOGEN, RANDOM URINE
Test ID: PBGRU
Testing Facility: Reference Laboratory
Specimen Handling: 15 ML URINE - FROZEN
Additional Information: RANDOM COLLECTION // PROTECT FROM LIGHT

Test Name: PORPHYRIN, RANDOM URINE
Test ID: PORPH
Synonyms: Qualitative urine porphyrins
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Results available by 1600.
Specimen Type: Random urine
  Volume: 2 mL
  Container: Plastic urine tube
Specimen Handling: Protect specimen from light. Specimen must be received in lab within 1 hour of collection.

Test Name: PORPHYRINS TOTAL SERUM
Test ID: SPORPH
Testing Facility: Reference Laboratory
Specimen Handling: 3ML SERUM PLAIN RED TOP - FROZEN
Additional Information: PROTECT FROM LIGHT; AVOID HEMOLYSIS

Test Name: PORPHYRINS, FRAC, UR
Test ID: UPORR
Testing Facility: Reference Laboratory
Specimen Handling: 15 ML URINE FROM 24 HR COLL – OR RANDOM URINE
Additional Information: FROZEN AND PROTECT FROM LIGHT WITH FOIL
Test Name: POST VAS ANALYSIS
  Test ID: PVAS
  Synonyms: Post Vasectomy Semen Analysis, Post Vasectomy Sperm Count
  Test Includes: Presence or absence of spermatozoa and semi-quantitation if present
  Testing Facility: Aultman Laboratory
  Turnaround Time: Results available the same day. Done M – F, 7 a.m. – 2 p.m.
  Specimen Type: Semen
    Volume: 2 mL
    Container: Sterile urine container
  Specimen Handling: Specimen should be delivered to lab within one hour of collection. Please call ALS for courier service.

Test Name: POTASSIUM, 24 HOUR URINE
  Test ID: KU24
  Test Includes: Collection time, volume, creatinine, potassium
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done daily. If specimen is received by 1000, results available the same day.
  Precollection Instructions: Collect on ice with no preservative. See 24-hour Urine Collection Instructions.
  Specimen Type: 24-hour urine
    Volume: Submit entire urine collection to lab
    Container: Obtain urine collection container from lab

Test Name: POTASSIUM, BODY FLUID
  Test ID: KBF
  Test Includes: Body fluid type, potassium
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
  Specimen Type: Body fluid
    Volume: 2 – 4 mL
Test Name: POTASSIUM, RANDOM URINE  
Test ID: KUR  
Testing Facility: Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Random urine  
**Volume:** 2 mL  
**Container:** Plastic urine tube

Test Name: POTASSIUM, SERUM  
Test ID: K  
Testing Facility: Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum or Plasma lithium heparin – Separate from cells within 2 hours of collection.  
**Volume:** 1 mL  
**Container:** SST or plasma lithium heparin.  
**Specimen Handling:** Avoid hemolysis. Separate serum from cells within 2 hours of collection.  
**Storage:** Refrigerate.

Test Name: PREALBUMIN  
Test ID: PRALB  
Testing Facility: Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum only  
**Volume:** 2 mL  
**Container:** 7 mL SST

Test Name: PREGNANCY TEST, SERUM QUALITATIVE  
Test ID: PREGS  
**Synonyms:** Qualitative hCG  
Testing Facility: Aultman Laboratory  
**Turnaround Time:** Done daily. Results available the same day.  
**Specimen Type:** Serum only  
**Volume:** 1 mL  
**Container:** 7 mL SST  
**Storage:** Refrigerate.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>PREGNANCY TEST, URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>PREGU</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time</td>
<td>Done daily. Results available the same day.</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Random urine</td>
</tr>
<tr>
<td>Volume</td>
<td>2 mL</td>
</tr>
<tr>
<td>Container</td>
<td>Plastic urine tube</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>PREGNENOLONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>PREGN</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>SERUM FROM SST - FROZEN</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Must be drawn at Main Hospital</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>PRENATAL BLOOD BANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>PNPB</td>
</tr>
<tr>
<td>Test Includes</td>
<td>ABO &amp; ABS. Blood Bank will reflex additional testing when positive ABS.</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time</td>
<td>45 minutes</td>
</tr>
<tr>
<td>Container</td>
<td>6 ml pink top EDTA</td>
</tr>
<tr>
<td>Additional Information</td>
<td>NOTE: All specimens sent to Blood Bank for testing must have a handwritten identification label that includes the patient’s first and last name, Medical Record number (Date of Birth is acceptable for Outpatients), date and time of collection and collector’s initials. Specimens missing any of the elements listed above will be rejected and must be recollected.</td>
</tr>
</tbody>
</table>
**Test Name:** PRENATAL PANEL 1  
**Test ID:** PNP1+PNPB  
**Test Includes:** Hemogram/Platelets, RPR, RUBIS, HBSAG, ABO/RH, ABS  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** See Individual Tests  
**Specimen Type:** Multiple  
  **Container:** (1) 5 mL Lav top tube, AND (1) 7 mL SST, AND (1) 6 mL pink top EDTA  
**Specimen Handling:** See Individual Tests

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**Test Name:** PRENATAL PANEL 4  
**Test ID:** PNP4 + PNPB  
**Test Includes:** CBC, RPR, RUBIS, HBSAG, ABO/RH, ABS  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** See Individual Tests  
**Specimen Type:** Multiple  
  **Container:** (1) 5 mL Lav top tube, AND (1) 7 mL SST, AND (1) 6 mL pink top EDTA  
**Specimen Handling:** See Individual Tests

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**Test Name:** PRENATAL PANEL 7  
**Test ID:** PNP7 + PNBB  
**Test Includes:** CBC, RPR, RUBIS, VARIS, HBSAG, HIV, ABO/RH, ABS  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** See individual tests  
**Specimen Type:** Multiple  
  **Container:** (1) 5 ml Lav Top tube, AND (1) 7ml SST tube, AND (1) 6 ml pink top EDTA tube

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**Test Name:** PRENATAL PANEL 8  
**Test ID:** YPNP8 & PNPB  
**Test Includes:** HGMP, RPR, RUBIS, HBSAG, HIV, ABO/RH, ABS  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** See Individual Tests  
**Specimen Type:** Multiple  
  **Container:** (1) 5 mL Lav tube, AND (1) 7 mL SST, AND (1) 6 mL pink top EDTA  
**Specimen Handling:** See Individual Tests
Test Name: PRIMIDONE
Test ID: PRIM
Synonyms: Mysoline
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML PLAIN RED TOP - REF
Centrifuge and transfer serum to plastic vial.
Additional Information: SST TUBES ARE UNACCEPTABLE: INCLUDES PHENOBARBITOL

Test Name: PROCAINAMIDE/NAPA
Test ID: PROC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1ML PLAIN RED TOP - REF
Centrifuge and transfer serum to plastic vial.
Additional Information: SST TUBES ARE UNACCEPTABLE

Test Name: PROCALCITONIN
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML SERUM - FROZEN

Test Name: PRODUCTS OF CONCEPTION
Testing Facility: Aultman Laboratory
Preparation Instructions: Use Tissue Examination Request (Form 23A). If the surgeon is different than the requesting physician, write the surgeon’s name on the request. Include the clinical diagnosis.
Specimen Collection: Take specimen to Histology Department. After Histology is closed, take specimen to Microbiology.
Transfer Instructions:
Container: 1. If specimen is for (Chromosome Analysis) the specimen should be sent fresh or with saline. Do not place specimen in formalin. Formalin will destroy the specimen sent for chromosome analysis.
           2. Only if specimen is for Routine Histology, the specimen should be sent in 10% Neutral Buffered Formalin (NBF) biopsy bottles.
Specimen Handling: Store specimen at room temperature.
<table>
<thead>
<tr>
<th><strong>Test Name:</strong> PROGESTERONE</th>
<th><strong>Test ID:</strong> PROG</th>
<th><strong>Synonyms:</strong> P4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Testing Facility:</strong> Aultman Laboratory</td>
<td><strong>Turnaround Time:</strong> Done daily. Results available the same day.</td>
<td></td>
</tr>
<tr>
<td><strong>Specimen Type:</strong> Serum only</td>
<td><strong>Volume:</strong> 1 mL</td>
<td></td>
</tr>
<tr>
<td><strong>Container:</strong> 7 mL SST</td>
<td><strong>Storage:</strong> Refrigerate.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Test Name:</strong> PROINSULIN</th>
<th><strong>Test ID:</strong> IPROIN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
<td><strong>Specimen Handling:</strong> SERUM 1 ML - FROZEN</td>
</tr>
<tr>
<td><strong>Additional Information:</strong> OVERNIGHT FAST REQUIRED</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Test Name:</strong> PROLACTIN</th>
<th><strong>Test ID:</strong> PROL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Testing Facility:</strong> Aultman Laboratory</td>
<td><strong>Turnaround Time:</strong> Done daily. Results available the same day.</td>
</tr>
<tr>
<td><strong>Specimen Type:</strong> Serum</td>
<td><strong>Volume:</strong> 1 mL</td>
</tr>
<tr>
<td><strong>Container:</strong> 7 mL SST</td>
<td><strong>Storage:</strong> Refrigerate.</td>
</tr>
</tbody>
</table>

| **Test Name:** PROMETHEUS TESTING (see individual test) |
| **Additional Information:** Please call send outs regarding specimen requirements |

<table>
<thead>
<tr>
<th><strong>Test Name:</strong> PROPAFENONE</th>
<th><strong>Test ID:</strong> PROP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Testing Facility:</strong> Reference Laboratory</td>
<td><strong>Specimen Handling:</strong> SERUM 1 ML PLAIN RED TOP - REF Centrifuge and transfer serum to plastic vial.</td>
</tr>
<tr>
<td><strong>Additional Information:</strong> COLLECT 2-6 HRS POST DOSE; SST TUBES UNACCEPTABLE</td>
<td></td>
</tr>
</tbody>
</table>
Test Name: PROSTAGLANDIN D2  
Test ID: MISC  
Testing Facility: Reference Laboratory - LabCorp  
Specimen Handling: SERUM 3 ML FROM PLAN RED TOP – FROZ  
Additional Information: Must be drawn at the Main Hospital

Test Name: PROSTATIC ACID PHOSPHATASE  
Test ID: PAP  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2 ML - FROZ

Test Name: PROTEIN 14-3-3  
Test ID: MISCNB  
Testing Facility: Reference Laboratory  
Specimen Handling: CSF 2 ML - FROZ

Test Name: PROTEIN C ACTIVITY  
Test ID: PROTC  
Testing Facility: Aultman Laboratory  
Turnaround Time: Test is batched and run once per week (Tuesdays)  
Precollection Instructions: Note if patient is on coumadin  
Specimen Type: Plasma (citrated)  
Volume: 2 mL  
Container: (2) 5 mL blue top tube – must be FULL  
Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively, the patient may be drawn in the Aultman Outpatient Lab

Test Name: PROTEIN C ANTIGEN  
Test ID: ZPCAG  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML BLUE TOP PLASMA - FROZEN  
Additional Information: REJECT IF GROSS HEMOLYSIS IS PRESENT
Test Name: PROTEIN ELECTROPHORESIS, SERUM  
   Test ID: SPE  
   Synonyms: Serum protein fractionation  
   Test Includes: Total protein, albumin, alpha 1, alpha 2, beta and gamma fractions, interpretation by a pathologist  
   Testing Facility: Aultman Laboratory  
   Turnaround Time: Done M, W, F. Results available the same day.  
   Precollection Instructions: Fasting specimen is preferred  
   Specimen Type: Serum  
   Volume: 1 mL  
   Container: 7 mL SST  
   Specimen Handling: Avoid hemolysis and lipemia

Test Name: PROTEIN ELECTROPHORESIS, URINE  
   Test ID: UPE  
   Test Includes: Pattern interpretation by a pathologist  
   Testing Facility: Aultman Laboratory  
   Turnaround Time: Done M, W, F. Results available the same day.  
   Precollection Instructions: See 24-hour Urine Collection Instructions  
   NOTE: A first morning void specimen can be used instead of a 24-hour collection. Random urines other than the first morning void are discouraged but can be done if ordered by the physician.  
   Specimen Type: 24-hour urine or random urine  
   Volume: Submit entire urine collection to lab. Random requires at least 50 mL (30 mL minimum).  
   Container: Obtain urine collection container from lab

Test Name: PROTEIN S ACTIVITY  
   Test ID: PROTS  
   Testing Facility: Aultman Laboratory  
   Turnaround Time: Sent to Reference Lab  
   Precollection Instructions: Ordered for rare Type II Protein S deficiency; otherwise order Protein S Free Antigen  
   Specimen Type: Plasma (citrated)  
   Volume: 2 mL  
   Container: (2) 5 mL blue top tube – must be FULL  
   Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively, the patient may be drawn in the Aultman Outpatient Lab

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>PROTEIN S FREE ANTIGEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>PRSFA</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time</td>
<td>Batched, run once per week (Tuesday)</td>
</tr>
<tr>
<td>Precollection Instructions</td>
<td>Replaces Protein S Activity as routine screening test for Protein S deficiency</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Plasma (citrated)</td>
</tr>
<tr>
<td>Volume</td>
<td>2 mL</td>
</tr>
<tr>
<td>Container</td>
<td>(2) 5 mL blue top tube – must be FULL</td>
</tr>
<tr>
<td>Specimen Handling</td>
<td>Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively, the patient may be drawn in the Aultman Outpatient Lab.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>PROTEIN, 24 HOUR URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>PRU24</td>
</tr>
<tr>
<td>Test Includes</td>
<td>Collection time, volume, creatinine, protein</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time</td>
<td>If specimen is received by 1000, results available the same day</td>
</tr>
<tr>
<td>Precollection Instructions</td>
<td>Collect on ice with no preservatives. See 24-hour Urine Collection Instructions.</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>24-hour urine</td>
</tr>
<tr>
<td>Volume</td>
<td>Submit entire urine collection to lab</td>
</tr>
<tr>
<td>Container</td>
<td>Obtain urine collection container from lab</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>PROTEIN, BODY FLUID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>PROTEIN, BODY FLUID</td>
</tr>
<tr>
<td>Test Includes</td>
<td>Body fluid type, protein</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time</td>
<td>Done 7 days/week, 24 hours/day. Results available the same day.</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Body fluid</td>
</tr>
<tr>
<td>Volume</td>
<td>2 – 4 mL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name</th>
<th>PROTEIN, RANDOM URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID</td>
<td>PRUR</td>
</tr>
<tr>
<td>Testing Facility</td>
<td>Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time</td>
<td>Done 7 days/week, 24 hours/day. Results available the same day.</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Random urine</td>
</tr>
<tr>
<td>Volume</td>
<td>2 mL</td>
</tr>
<tr>
<td>Container</td>
<td>Plastic urine tube</td>
</tr>
</tbody>
</table>

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: **PROTEIN, TOTAL, SERUM**
Test ID: PROT
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
  Volume: 1 mL
  Container: SST or Plasma Lithium Heparin.
Specimen Handling: Avoid hemolysis. Separate serum from cells within 2 hours of collection.

Test Name: **PROTHROMBIN GENE VARIANT**
Test ID: PTGEN
Testing Facility: Reference Laboratory
Specimen Handling: 2 LAV TOP: WHOLE BLD ROOM TEMP
Additional Information: AKA: F II MUTATION INCLUDES G20210A

Test Name: **PROTHROMBIN TIME**
Test ID: PRO
Synonyms: Protime, PT
Test Includes: Protime, INR
Testing Facility: Aultman Laboratory
Turnaround Time: STAT/urgent: 45 minutes, Routine: 3 hours
Specimen Type: Plasma (citrated)
  Volume: 2 mL
  Container: One full blue top tube (MUST be full)
Specimen Handling: Store specimen in original tube. Specimen is stable within 24 hours of collection in original capped tube. Alternatively, specimen may be drawn in Aultman Outpatient Lab.

Test Name: **PROTIME**
Test ID: 50:50 MIX
Synonyms: Protime, PT
Test Includes: Protime, INR
Testing Facility: Aultman Laboratory
Turnaround Time: STAT/urgent: 45 minutes, Routine: 3 hours
Specimen Type: Plasma (citrated)
  Volume: 2 mL
  Container: 5 mL blue top tube (MUST be full)
Specimen Handling: Store specimen in original tube. Specimen is stable within 24 hours of collection in original capped tube. Alternatively, specimen may be drawn in Aultman Outpatient Lab.
### Test Name: PROTRIPTYLINE
- **Test ID:** MISC
- **Synonyms:** Vivactil
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SERUM 2 ML - REF
- **Additional Information:** PLAIN RED TOP - Centrifuge and transfer serum to plastic vial.

### Test Name: PSA
- **Test ID:** PSA
- **Synonyms:** Prostate specific antigen
- **Test Includes:** Done daily. Results available the same day.
- **Testing Facility:** Aultman Laboratory
- **Specimen Type:** Serum only
  - **Volume:** 2 mL
  - **Container:** 7 mL SST
- **Specimen Handling:** Avoid hemolysis
- **Storage:** Refrigerate.

### Test Name: PSA, FREE AND TOTAL
- **Test ID:** PSAF
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SERUM 2 ML - REF

### Test Name: PSA, ULTRASENSITIVE OR 3RD GENERATION
- **Test ID:** PSAU
- **Testing Facility:** Reference Laboratory - Mayo
- **Specimen Handling:** 1 ML SERUM - FROZEN

### Test Name: PSEUDOCHOLINESTERASE, TOTAL, SERUM
- **Test ID:** PCHE
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SERUM 1 ML - REF

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05/18/2023
Test Name: PTH, INTACT
Test ID: PTH
Synonyms: Parathyroid hormone, N-terminal PTH
Test Includes: PTH, intact
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available same day.
Pre-collection Instructions: A fasting, morning specimen is preferred.
Specimen Type: Serum
  Volume: 1 mL
  Container: 3.5 mL or 5 mL SST. 4 mL Plain Red Top also acceptable.

Test Name: PTH-RELATED PROTEIN
Test ID: PTHRP
Testing Facility: Reference Laboratory
Additional: Must be drawn at the main hospital
Specimen Type: SPECIALPROTEASE INHIBITOR TUBE KIT AVAILABLE IN SEND OUTS DEPARTMENT
Specimen Handling: 1.0 ML PLASMA FROM SPECIAL TUBE - FROZEN
Additional Information: A BUTTERFLY MUST BE USED FOR DRAWING BLOOD

Test Name: PURKINJE ANTIBODY
Test ID: ANTIYO
Synonyms: ANTI-YO AB
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML - REF
Additional Information: OVERNIGHT FASTING IS PREFERRED;

Test Name: PYRUVIC ACID
Test ID: PYRUV
Testing Facility: Reference Laboratory
Specimen Handling: 4 ML GRAY TOP TUBE WHOLE BLOOD CALL SEND OUTS
Additional Information: ADD 1:1 DILUTION OF 8% PERCHLORIC ACID TO BLOOD AND MIX. REFRIG FOR 10 MIN. CENTRIFUGE AND SEND SUPERNATANT - REF
### Quad Screen

**Test Name:** QUAD SCREEN  
**Test ID:** QUAD  
**Test Includes:** AFP, bHCG, Unconjugated estriol and Inhibin A  
**Testing Facility:** Reference Laboratory  
**Specimen Collection:** Completed prenatal requisition must accompany the specimen  
**Specimen Type:** Serum  
**Volume:** 2 mL  
**Container:** SST  
**Specimen Handling:** Refrigerate

### Quantiferon Gold (TB Test)

**Test Name:** QUANTIFERON GOLD (TB TEST)  
**Test ID:** QUANTTB  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 4 SPECIAL TUBES IN SEND OUTS. FOLLOW DRAWING INSTRUCTIONS  
**Additional Information:** SPECIMEN MUST BE IN MAIN LAB BY 12:30PM, M-F. Do not draw on weekends, holidays, or the day Before a holiday.

### Quinidine, Serum

**Test Name:** QUINIDINE, SERUM  
**Test ID:** QUIN  
**Synonyms:** Quinaglute, Quinidex  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML PLAIN RED TOP - REF  
Centrifuge and transfer serum to plastic vial.  
**Additional Information:** SST TUBES ARE UNACCEPTABLE

### Rabies Antibody

**Test Name:** RABIES ANTIBODY  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 2 ML SERUM FROM PLAIN RED TOP - REFRIGERATED

### Rapamune

**Test Name:** RAPAMUNE  
**Test ID:** RAPA  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 2 ML EDTA WHOLE BLOOD - REF  
**Additional Information:** IF NOT A TRANSPLANT PATIENT, SEND TO TRANSPLANT HOSPITAL FOR TESTING
### Test Name: **RAST TESTING (ALLERGY TESTS)**
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM  
**Additional Information:** 1 ML OF SERUM WILL DO 7 ALLERGY TESTS; DRAW ACCORDINGLY

### Test Name: **RATIO PROT/CREAT URINE RANDOM**
**Test ID:** RPCUR  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** 2 hours.  
**Specimen Type:** Urine random  
**Volume:** 10 mL  
**Container:** Urine

### Test Name: **RBC, URINE**
**Test ID:** RBCUA  
**Synonyms:** Urinary RBC, urinary red blood cells.  
**Test Includes:** Microscopic examination of urine specimen for red blood cells  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Precollection Instructions:** Keep on ice or refrigerate  
**Specimen Type:** Random urine  
**Volume:** 2 mL  
**Container:** Plastic urine tube

### Test Name: **REDUCING SUB, FECAL**
**Test ID:** STRED  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** STOOL 10 GRAMS - FROZEN  
**Additional Information:** RANDOM SPECIMEN
Test Name: RENAL CALCULI
Test ID: ZCALC

Synonyms: Urinary Calculi, Stone Analysis
Test Includes: This tests for the qualitative detection of the 8 most common constituents of renal calculi (Carbonate, Cystine, Phosphate, Magnesium, Calcium, Ammonia, Uric Acid, and Oxalate.)

Testing Facility: Aultman Laboratory
Turnaround Time: 5-7 days
Specimen Type: Renal calculi
  Volume: > 1 mm
  Container: Any sterile container
  Storage: Room temperature

Test Name: RENAL FUNCTION PANEL
Test ID: RFP

Test Includes: Glu, Na, K, Cl, CO2, lyte balance, BUN, creat, b/c ratio, calcium, albumin, phosphorus
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
  Volume: 2 – 4 mL
  Container: SST or Plasma Lithium Heparin.
Specimen Handling: Avoid hemolysis. Separate serum from cells within 2 hours of collection.
  Storage: Refrigerate.

Test Name: RENIN ACTIVITY
Test ID: RENIND
Synonyms: PLASMA RENIN ACTIVITY, DIRECT RENIN
Testing Facility: Reference Laboratory
Specimen Handling: 3ML EDTA PLASMA - FROZEN
Additional Information: WILL REJECT HEMOLYZED SPEC.
Must be done at the Main Hospital

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### Test Name: RETICULOCYTES
- **Test ID:** RETIC
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** 60 minutes
- **Specimen Type:** Whole blood (EDTA)
  - **Volume:** 2 mL
  - **Container:** 2.5 mL lavender top tube
  - **Storage:** Room temperature, or if > 12 hours refrigerate.

### Test Name: RETINOL BINDING PROTEIN (RBP)
- **Test ID:** MISC
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SERUM 2 ML - REF
- **Additional Information:** 12 HR FAST REQUIRED; CANNOT BE HEMOLYZED

### Test Name: REVERSE T3
- **Test ID:** REV3
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SERUM 1 ML - FROZEN

### Test Name: RHEUMATOID FACTOR, SERUM
- **Test ID:** RF
  - **Synonyms:** RA, Rheumatoid factor IgM
  - **Test Includes:** Enzyme Immunoassay (EIA) test for rheumatoid factor IgM
  - **Testing Facility:** Aultman Laboratory
  - **Turnaround Time:** Done twice weekly
  - **Specimen Type:** Serum
    - **Volume:** 2 mL
    - **Container:** 7 mL SST
  - **Specimen Handling:** Avoid hemolysis
Test Name: RHOGAM WORKUP  
Test ID: RHO  
Test Includes: ABO, ABS & FMH. Used when there is suspected bleed between mother and fetus  
Testing Facility: Aultman Laboratory  
Turnaround Time: 45 minutes  
Container: 6 ml pink top EDTA  

Additional Information:  NOTE: All specimens sent to Blood Bank for testing must have a handwritten identification label that includes the patient’s first and last name, Medical Record number (Date of Birth is acceptable for Outpatients), date and time of collection and collector’s initials. Specimens missing any of the elements listed above will be rejected and must be recollected.

Test Name: RIBOSOMAL P ANTIBODY  
Test ID: RIBAB  
Synonyms: Ribosomal Antibody  
Testing Facility: Aultman Laboratory  
Turnaround Time: Results available within 5 days  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST  
Specimen Handling: Refrigerate specimen

Test Name: RICKETTSIAL AB PANEL  
Test ID: ROCK  
Test Includes: RMSF AND TYPHUS  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2ML – REF

Test Name: RISPERIDONE  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Container: RED TOP TUBE; Centrifuge and transfer serum to plastic vial.  
Specimen Handling: SERUM 1 ML - REF  
Additional Information:  SST TUBES ARE UNACCEPTABLE

Test Name: RISTOCETIN CO-FACTOR  
Test ID: RISTO  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML BLUE TOP PLASMA - FROZEN
**Test Name:** RITALIN  
**Test ID:** RITAL  
**Synonyms:** METHYLPHENIDATE  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 3 ML SERUM - PLAIN RED TOP - FROZEN Centrifuge and transfer serum to plastic vial.  
**Additional Information:** Must be drawn at the Main Hospital

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**Test Name:** ROHYPNOL  
**Test ID:** MISCNB  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 10 ML URINE - REF  
**Additional Information:** DATE RAPE DRUG

---

**Test Name:** ROTAVIRUS SCREEN  
**Test ID:** ROTA  
**Test Includes:** Rapid membrane immunoassay.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily. Results available the same day.  
**Specimen Type:** Stool.  
  **Volume:** 1 gram.  
  **Container:** Clean container with a tight-fitting lid.  
**Specimen Handling:** Collection: Avoid contamination with water, urine, paper or mineral oil. Specimens cannot be removed from the toilet bowl. Diapers are not accepted.  
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.  
Storage: Refrigerate.

---

**Test Name:** RPR  
**Test ID:** RPR  
**Test Includes:** Screening procedure for the detection of syphilis. RPR titer and FTA are done on all reactive RPR tests.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done M – F. Results available in 1 day.  
**Specimen Type:** Serum  
  **Volume:** 1 mL  
  **Container:** 7 mL SST
**Test Name:** RSV SCREEN  
**Test ID:** RSV  
**Test Includes:** Enzyme immunoassay (EIA) screen. If screen is negative, a culture for Respiratory Syncytial Virus (RSV) will be performed (CRV).  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily, 24 hours a day. Results available the same day.  
**Specimen Type:** Nasal wash (specimen of choice) or NPH.  
**Volume:** Minimum of 1 mL, maximum of 2 mL of liquid or 1 NPH swab.  
**Container:** Sterile container, syringe (do NOT transport with the needle attached) or NPH swab.  
**Specimen Handling:** Collection:  
A. Nasal wash: Infuse 1 - 2 mL of saline into nasal passages. Use a suction device to collect washings.  
B. NPH: Flexible Flocked NPH swab is recommended.  
1) Carefully insert a flexible-flocked swab through the nose into the posterior nasopharynx and rotate swab.  
2) Keep the swab near the septum and floor of the nose. Repeat the process on the other nostril.  
3) Place swab in Viral Transport Media (M6).  
Transport: Deliver to Microbiology within 2 hours of collection for inpatients.  
Storage: Refrigerate.

---

**Test Name:** RUBELLA IGM  
**Test ID:** RUBM  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF

---

**Test Name:** RUBELLA IMMUNE STATUS  
**Test ID:** RUBIS  
**Synonyms:** German measles immune status  
**Test Includes:** Immune status assay for the detection of IgG antibodies for German measles. This test IS NOT for determining acute (current) or congenital infection. For that diagnosis, use the RUBM test code.  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done M – F. Results available the next day.  
**Specimen Type:** Serum- 7ml SST  
**Volume:** 1 mL

---

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: **RUBEOLA IGG ANTIBODY**  
**Test ID:** RUBEO  
**Synonyms:** Measles  
**Test Includes:** Detects rubeola IgG only  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Results available within 5 days.  
**Specimen Type:** Serum  
  - **Volume:** 1 mL  
  - **Container:** 7 mL SST

Test Name: **SALICYLATE**  
**Test ID:** SAL  
**Synonyms:** Aspirin, acetylsalicylic acid  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Precollection Instructions:** Usual sampling time: 1 – 3 hours after an oral dose  
**Specimen Type:** Serum/Plain Red Top/Plasma Lithium Heparin – Separate from cells within 2 hours of collection.  
  - **Volume:** 1mL  
  - **Container:** SST/Plain Red Top/Plasma Lithium Heparin  
**Specimen Handling:** Centrifuge and transfer serum to plastic vial.  
**Storage:** Refrigerate.

Test Name: **SCL-70 ANTIBODY**  
**Test ID:** SCL70  
**Synonyms:** Autoantibodies to SCL-70 antigen, Scleroderma Ab  
**Testing Facility:** Reference Laboratory  
**Specimen Type:** Serum  
  - **Volume:** 1 mL  
  - **Container:** 7 mL SST  
**Specimen Handling:** Refrigerate specimen
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Type</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selenium</td>
<td>PSELEN</td>
<td>Reference Laboratory</td>
<td>2 ML PLASMA FROM DARK BLUE TUBE WITH ADDITIVE (EDTA) – ROOM TEMPERATURE</td>
<td>2 ML SERUM FROM A DARK BLUE TUBE WITHOUT ADDITIVE IS ALSO ACCEPTABLE POUR OFF INTO A TRACE ELEMENT TRANSPORT TUBE</td>
</tr>
<tr>
<td>Serotonin, Serum</td>
<td>SEROT</td>
<td>Reference Laboratory</td>
<td>1 ML SERUM FROM SST - FROZEN</td>
<td>PROTECT FROM LIGHT</td>
</tr>
<tr>
<td>Serotonin Release Assay</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML FROM PLAIN RED TOP - FROZ</td>
<td>Must be drawn from the Main Hospital</td>
</tr>
<tr>
<td>Sertraline (Zoloft)</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>2 ML SERUM - PLAIN RED TOP - REF</td>
<td>SST TUBES ARE UNACCEPTABLE</td>
</tr>
<tr>
<td>Sex Hormone Binding Globulin</td>
<td>SHBG2</td>
<td>Reference Laboratory</td>
<td>Serum - refrigerated</td>
<td>3 mL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Container: 7 mL SST tube</td>
<td>Specimen Handling: Separate from cells/gel barrier, refrigerate. Avoid lipemia.</td>
</tr>
</tbody>
</table>
Test Name: SHIGA TOXINS 1 & 2
Test ID: SHIGA
- **Test Includes:** Shiga toxins 1 and 2. Included with CST/CSTY
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** Done M–F, 0700 – 2400. Results available in 3 days.
- **Specimen Type:** Stool.
  - **Volume:** 1 gram or at least visible material on 1 culturette (2 swabs).
  - **Container:** Clean container with a tight-fitting lid or 1 culturette (2 swabs).
- **Specimen Handling:** Collection:
  1. Stool
  1) The entire contents of the first specimen of the day is preferred.
  2) Avoid contamination with water, urine, paper, barium or mineral oil. Do not remove specimens from the toilet bowl.
  3) Specimens received in a diaper are not acceptable and will be rejected by Microbiology.
  - Transport: Deliver to Microbiology within 2 hours of collection for inpatients. Storage: Refrigerate.

Test Name: SICKLE CELL
Test ID: SC
- **Test Includes:** This test is done for screening purposes. It is a solubility test that differentiates between sickling and non-sickling hemoglobins, but does not identify the hemoglobin type. **Cannot be performed on children < 6 months of age.**
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** 1-3 days
- **Specimen Type:** Whole blood (EDTA)
  - **Volume:** 1 mL
  - **Container:** 5 mL lav top tube
  - **Storage:** Refrigerate.

Test Name: SKELETAL MUSCLE ANTIBODY
Test ID: SKELS
- **Synonyms:** Anti striated muscle antibody
- **Testing Facility:** Reference Laboratory
- **Specimen Type:** 1 ML SERUM FROM SST - REFRIGERATED
- **Specimen Handling:** PLAIN RED TOP ALSO ACCEPTABLE

Test Name: SM AND RNP ANTIBODY PANEL
Test ID: SMRP
- **Testing Facility:** Reference Laboratory
- **Specimen Type:** 1 ML SERUM FROM SST TUBE - REFRIGERATED
Test Name: SMOOTH MUSCLE ANTIBODY
  Test ID: SMUSC
  Synonyms: ASMA
  Test Includes: Smooth muscle antibody screen with titer if positive
  Facility: Aultman Laboratory
  Turnaround Time: Done M – F. Results available in 3 days.
  Specimen Type: Serum
    Volume: 1 – 2 mL
    Container: 7 mL SST
  Specimen Handling: Avoid hemolysis

Test Name: SODIUM, 24 HOUR URINE
  Test ID: NAU24
  Test Includes: Collection time, volume, creatinine, sodium
  Testing Facility: Aultman Laboratory
  Turnaround Time: Specimen received by 1000, results available the same day
  Precollection Instructions: No preservative. See 24-hour Urine Collection Instructions.
  Specimen Type: 24-hour urine
    Volume: Submit entire urine collection to lab
    Container: Obtain urine collection container from lab.
  Specimen Handling: Keep specimen on ice during collection.

Test Name: SODIUM, BODY FLUID
  Test ID: NABF
  Test Includes: Body fluid type, sodium
  Testing Facility: Aultman Laboratory
  Turnaround Time: one 7 days/week, 24 hours/day. Results available the same day.
  Specimen Type: Body fluid
    Volume: 2 – 4 mL

Test Name: SODIUM, RANDOM URINE
  Test ID: NAUR
  Testing Facility: Aultman Laboratory
  Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
  Specimen Type: Random urine
    Volume: 4 mL Container: Plastic urine tube
Aultman Hospital Laboratory Test Directory

**Test Name:** SODIUM, SERUM  
**Test ID:** NA  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum or Plasma Lithium Heparin – Separate from cells within 2 hours of collection.  
  - **Volume:** 1 mL  
  - **Container:** SST or Plasma Lithium Heparin.  
  - **Storage:** Refrigerate.

**Test Name:** SOLUBLE LIVER ANTIGEN ANTIBODY  
**Test ID:** LIVSOL  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF

**Test Name:** SOLUBLE TRANSFERRIN RECEPTOR AB  
**Test ID:** STRANS  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** SERUM 1 ML - REF  
**Additional Information:** AKA: TRANSFERRIN RECEPTOR

**Test Name:** SOMATOMEDIN-C  
**Test ID:** SOMAT  
**Synonyms:** IGF-1, Insulin like Growth Factor  
**Testing Facility:** Reference Laboratory  
**Specimen Type:** Serum  
  - **Volume:** 1 mL  
  - **Container:** Plain red top tube or 7ml SST  
  - **Specimen Handling:** Plain red top tube or 7ml SST  
  Separate serum from cells ASAP and freeze serum. Avoid hemolysis.

**Test Name:** SOMATOSTATIN  
**Test ID:** SOMATO  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** EDTA PLASMA 2 ML - FROZEN  
**Additional Information:** PRE-CHILL LAV. TOP TUBES BEFORE COLLECTION

The information contained in this Directory is provided only as general information and is subject to change without notice.

05/18/2023
**Test Name:** SOTALOL  
**Test ID:** MISC  
**Testing Facility:** Reference Laboratory  
**Specimen Handling:** 1 ML SERUM - PLAIN RED TOP – Refrigerate. Centrifuge and transfer serum to plastic vial.  
**Additional Information:** SST TUBES ARE UNACCEPTABLE

---

**Test Name:** SPECIFIC GRAVITY, BODY FLUID  
**Test ID:** SGBF  
**Test Includes:** Body fluid type, volume, specific gravity  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done daily. Results available by 1600  
**Specimen Type:** Body fluid  
**Volume:** 2.2 mL minimum

---

**Test Name:** SPECIFIC GRAVITY, URINE  
**Test ID:** SGUA  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Collection /** Keep on ice or refrigerate  
**Transfer Instructions:**  
**Specimen Type:** Random urine  
**Volume:** 2 mL  
**Container:** Plastic urine tube

---

**Test Name:** SPINAL FLUID FOR CYTOLOGY  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Monday-Friday received by 3:00pm, 2 working days. Certain non-Gyn cases will require additional stains and will take longer.  
**Specimen Collection /** Use Form 308A, (Cytology Specimens). Be sure to write the date and time of collection and the clinical diagnosis.  
**Transfer Instructions:**  
**Specimen Type:** Cerebrospinal fluid  
**Volume:** Minimum 1 mL fluid.  
**Container:** Sterile CSF plastic tube with cap.  
**Specimen Handling:** Deliver to the Laboratory immediately. If Microbiology testing is also ordered, specimen is to be delivered to Microbiology first. After hours, deliver specimen to the Microbiology department.  
**Specimen Handling:** Refrigerate.
Test Name: SPRUE ANTIBODY PANEL  
Testing Facility: Reference Laboratory  
Additional Information: ORDER ENDO; GLIAD

Test Name: SPUTUM FOR CYTOLOGY  
Testing Facility: Aultman Laboratory  
Turnaround Time: Monday-Friday received by 3:00pm, Saturday received by 11:00am. 2 working days. Certain non-Gyn cases will require additional stains and will take longer.  
Specimen Collection/ Use Form 308A, (Cytology Specimens). Mark the source of the specimen on the form and include any Transfer Instructions: pertinent clinical information.  
Specimen Type: Early morning specimen is preferred.  
Container: Collect in a clean container. If the specimen is also for culture, container must be sterile.  
Specimen Handling: Deliver to the Cytology department. If Microbiology testing is also ordered, specimen is to be delivered to Microbiology first. After hours, deliver specimen to the Microbiology department.  
Specimen Handling: Refrigerate.

Test Name: SS-A AND SS-B ANTIBODY PANEL  
Test ID: SSAB  
Synonyms: Sjogren’s antibodies  
Test Includes: SSA and SSB  
Testing Facility: Reference Laboratory  
Specimen Type: Serum  
Volume: 1 – 2 mL  
Container: 7 mL SST  
Specimen Handling: Avoid hemolysis

Test Name: STOOL EXAMINATION, QUALITATIVE  
Test ID: FFATQL  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 GRAMS STOOL - FROZEN  
Additional Information: UNPRESERVED RANDOM SPECIMEN
**Test Name: STREP A PCR SCREEN**
- **Test ID:** STREPA
- **Testing Facility:** Aultman Hospital
- **Test Includes:** Rapid PCR test for the qualitative detection of Group A streptococcus from throat swab specimens without the need for culture confirmation of negative results.
- **Specimen Type:** E-Swab collected from throat
- **Turnaround Time:** 1 hour. Offered 24 hours a day

---

**Test Name: STREP PNEUMONIAE URINE ANTIGEN**
- **Test ID:** SPAG
- **Test Includes:** Rapid immunochromographic assay for the detection of Streptococcus pneumoniae antigen in urine.
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** Done Mon – Fri, 24 hours a day, Sat and Sun 0700 – 2400. Performed Sat and Sun 0000-0700 Stat requests only. Results available the same day.
- **Specimen Type:** Urine (catheter or clean void).
  - **Volume:** 2 mL
  - **Container:** Sterile Container
- **Specimen Handling:** Collection:
  A. Catheter: Swab catheter port with povidone iodine. Puncture the port with needle and aspirate urine into a syringe. Do not collect urine from a drainage bag.
  B. Clean Void: Cleanse urinary meatus with towelettes. Have the patient void a small amount for discard. Collect a midstream urine specimen.
- **Transport:** Deliver to Microbiology within 2 hours of collection for inpatients.
- **Storage:** Refrigerate.

---

**Test Name: STRIATED MUSCLE AB**
- **Test ID:** SKAB
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SERUM 1 ML - REF
- **Additional Information:** AKA: SKELETAL MUSCLE

---

**Test Name: STRONGYLOIDES AB**
- **Test ID:** MISC
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** SERUM 1 ML - REF
### Test Name: SULFATIDE ANTIBODY
- **Test ID:** MISC
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** 1 ML SERUM from plain red top - REFRIGERATED

### Test Name: SULFONYLUREA HYPOGLYCEMIA PNL, SERUM
- **Test ID:** SULFON
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** 2 ML SERUM - PLAIN RED TOP – FROZEN
- **Additional Information:** Centrifuge and transfer serum to plastic vial.

### Test Name: T UPTAKE
- **Test ID:** TUP
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** Done daily. Results available the same day.
- **Specimen Type:** Serum
  - **Volume:** 1 mL
  - **Container:** 7 mL SST
- **Storage:** Refrigerate.

### Test Name: T. WHIPPLEI DNA, PCR
- **Test ID:** MISC
- **Testing Facility:** Reference Laboratory
- **Specimen Handling:** 2 ML CSF - FROZEN
- **Additional Information:** EDTA WHOLE BLOOD ALSO ACCEPTABLE FROZEN

### Test Name: T3, FREE
- **Test ID:** FT3
- **Synonyms:** Unbound triiodothyronine
- **Testing Facility:** Aultman Laboratory
- **Turnaround Time:** 24 hours/day, 7 days/week
- **Specimen Type:** Serum
  - **Volume:** 2 mL
  - **Container:** 7 mL SST
Test Name: T3, REVERSE  
Test ID: REVT3  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 1 ML - FROZEN

Test Name: T3, TOTAL  
Test ID: T3  
Synonyms: Total T3, triiodothyronine  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. Results available the same day.  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST  
Storage: Refrigerate.

Test Name: T4, FREE  
Test ID: FT4  
Synonyms: Free thyroxine  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available same day.  
Specimen Type: Serum or Plasma Lithium Heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or Plasma Lithium Heparin  
Storage: Refrigerate.

Test Name: T4, TOTAL  
Test ID: T4  
Synonyms: T4  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. Results available the same day.  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST  
Storage: Refrigerate.

Test Name: TACROLIMUS
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>TACRO</td>
<td>TACRO</td>
<td>Reference Laboratory</td>
<td>EDTA WHOLE BLD - REFRIGERATE</td>
<td>SEE FILE BOX. SEND TO TRANSPLANT HOSPITAL IF ONE ON FILE</td>
</tr>
<tr>
<td>Synonyms: FK506</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAPENTADOL AND METABOLITE, URINE</td>
<td>TAPENU</td>
<td>Reference Laboratory</td>
<td>2 ml Urine, Refrigerated</td>
<td></td>
</tr>
<tr>
<td>TAY SACHS CARRIER SCREEN</td>
<td>HEXA</td>
<td>Reference Laboratory - labcrp</td>
<td>3 ML serum from plain red top - FROZEN</td>
<td></td>
</tr>
<tr>
<td>TBG (THYROXIN BINDING GLOBULIN)</td>
<td>TBG</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - FROZEN</td>
<td></td>
</tr>
<tr>
<td>TCR GENE REARRANGEMENT, QUANT PCR</td>
<td>TGAMMA</td>
<td>Reference Laboratory</td>
<td>Whole Blood</td>
<td></td>
</tr>
<tr>
<td>TEICHOIC ACID AB</td>
<td>TEICAC</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td></td>
</tr>
</tbody>
</table>
Test Name: TESTOSTERONE, TOTAL
Test ID: TESTO
Synonyms: Testosterone
Testing Facility: Aultman Laboratory
Turnaround Time: Done daily. Results available the same day.
Specimen Type: Serum or Plasma Lithium Heparin – Separate from cells within 2 hours of collection.
Volume: 1 mL.
Container: SST or Plasma Lithium Heparin
Specimen Handling: Centrifuge and transfer serum to plastic vial.
Storage: Refrigerate.

Test Name: TESTOSTERONE, TOTAL AND FREE
Test ID: TFTST
Testing Facility: Reference Laboratory
Specimen Handling: 2ML SERUM - PLAIN RED - REFRIG Centrifuge and transfer serum to plastic vial.
Additional Information: SST UNACCEPTABLE

Test Name: TETANUS ANTIBODY
Test ID: TETAN
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 1 ML – REF

Test Name: THALLIUM, 24 HR URINE OR RANDOM URINE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 10 ML FROM A 24 HR SPECIMEN
Additional Information: METAL FREE TUBE - UNPRESERVED URINE

Test Name: THALLIUM, BLOOD
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: METAL FREE TUBE WITH ADDITIVE
Additional Information: WHOLE BLOOD; DO NOT SPIN – ROOM TEMP
Test Name: THEOPHYLLINE

Test ID: THEO

Synonyms: Aminophylline, Theodur, Slo-Bid, Slo-Phyllin, Theo-Dur

Test Includes: Time of last dose, theophylline

Testing Facility: Aultman Laboratory

Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.

Precollection Instructions: Usual sampling times:

IV:
1. Prior to IV infusion
2. 30 minutes after loading dose to measure adequacy of dose
3. 4 – 6 hours after beginning therapy
4. 12 - 18 hours after beginning therapy
5. Repeat as necessary to evaluate therapy

Oral:
1. 2 hours after administration of a rapid release product
2. 4 hours after administration of a sustained release product

Trough levels can be obtained prior (30 minutes) to the next dose.

NOTE: This assay does not measure dyphyllin (Lufyllin). To measure dyphyllin, order the test DYPH.

Specimen Type: Serum/Plain Red Top/Plasma Lithium Heparin – Separate from cells within 2 hours of collection.

Volume: 1 mL

Container: SST/Plain Red Top/Plasma Lithium Heparin

Specimen Handling: Centrifuge and transfer serum to plastic vial. Avoid hemolysis

Storage: Refrigerate.
Test Name: THIOCYANATE
Test ID: THIOCY
Testing Facility: Reference Laboratory
Specimen Type: Serum
  Volume: 2 mL
  Container: Plain red top
Specimen Handling: Centrifuge and transfer serum to plastic vial.

Test Name: THIOPURINE METABOLITES
Test ID: THIOM
Test Number: REQ
Testing Facility: Reference Laboratory
Specimen Handling: 2 LAVENDERS - WHOLE BLOOD - REF

Test Name: THIORIDAZINE (MELLARIL)
Test ID: THIOR
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 3 ML FROM PLAIN RED - REF
  Centrifuge and transfer serum to plastic vial.
Additional Information: SST TUBES ARE UNACCEPTABLE

Test Name: THROMBIN TIME
Test ID: TT
Test Includes: Heparin dose, thrombin time
Testing Facility: Aultman Laboratory
Turnaround Time: Urgent/STAT: 45 minutes, Routine: 3 hours
Specimen Type: Plasma (citrated)
  Volume: 5 mL
  Container: 5 mL blue top tube (MUST be full)
Specimen Handling: Specimen must be tested within 4 hours of collection in Aultman Lab; alternatively, may be drawn in Aultman Outpatient Lab.
Test Name: THROMBOPHILIA PANEL  
Test ID: MISC  
Test Number:  REQ  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 LAVENDERS - WHOLE BLOOD  
Additional Information: INCLUDES: F V LEIDEN, PGVAR; MTHFR; PAI GENE STUDY, F13

Test Name: THYROGLOBULIN  
Test ID: THYRORF  
Test Includes: Thyroglobulin Antibodies, Thyroglobulin  
Testing Facility: Reference Laboratory  
Specimen Type: Serum - Refrigerated  
Volume: 1 mL  
Container: SST  
Specimen Handling: Centrifuge and transfer serum to plastic vial.

Test Name: THYROID ANTIBODIES  
Test ID: THYAB  
Test Includes: Thyroglobulin antibodies, Thyroid Peroxidase Antibodies (Microsomal). NOTE: Thyroid Peroxidase Antibodies (Microsomal) can be ordered individually – see aTPO  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available same day.  
Specimen Type: Serum  
Volume: 2 mL  
Container: SST

Test Name: THYROID STIMULATING HORMONE  
Test ID: TSH  
Synonyms: TSH  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. Results available the same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or plasma lithium heparin.  
Specimen Handling: Avoid gross hemolysis  
    Storage: Refrigerate.

The information contained in this Directory is provided only as general information and is subject to change without notice.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>THYROID STIMULATING IMMUNOGLOBULIN</td>
<td>TSI</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td></td>
</tr>
<tr>
<td>TIAGABINE</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SERUM 2 ML FROM PLAIN RED - REF Centrifuge and transfer serum to plastic vial.</td>
<td>SST TUBES ARE UNACCEPTABLE</td>
</tr>
<tr>
<td>TISSUE TRANSGLUTAMINASE IGG</td>
<td>TTGIGG</td>
<td>Reference Laboratory</td>
<td>SERUM 1 ML - REF</td>
<td>WANT IGA: ORDER ENDO WANT IGG: TTGIGG</td>
</tr>
<tr>
<td>TITANIUM</td>
<td>MISC</td>
<td>Reference Laboratory</td>
<td>SERUM OR PLASMA; METAL FREE TUBE</td>
<td>DK BLUE METAL FREE TUBE - REF</td>
</tr>
</tbody>
</table>
Aultman Hospital Laboratory Test Directory

Test Name: TOBRAMYCIN
Test ID: TOBP (peak), TOBT (trough)
Synonyms: Nebcin
Test Includes: Time of last dose, Tobramycin
Testing Facility: Aultman Laboratory
Turnaround Time: Test performed 7 days/week, 24 hours/day. Results available the same day.

Precollection Instructions:
Usual sampling times:
1. Trough: 2 hours before next scheduled dose
2. Peak: 2 hours after IV infusion is completed, or 1 hour after IM injection
3. Trough and peak levels should be collected around the same dosing interval
4. Trough and peak levels must be ordered on separate requisitions

Individualized dosing:
1. Three separate levels should be done at 1 hour, 2 hours and 4 hours after IV infusion is completed. Order on (3) separate requisitions, identifying the specimen in order comments. One order must have the following information in order comments: a. Patient weight
b. Dosage given
c. Time infusion started and finished
d. All other antibiotics given
2. Copies of individualized dosing levels are sent to pharmacy for dosing calculations. Pharmacy makes the recommendations.
3. If patient’s most recent serum creat is > 2.0 mg/dL, call pharmacy for timing for individualized dosing specimens

Specimen Type: Serum/Plain Red Top/Plasma lithium heparin – Separate from cells within 2 hours of collection.
Volume: 1 mL
Container: SST/Plain Red Top/Plasma Lithium Heparin.
Specimen Handling: Centrifuge and transfer serum to plastic vial. Timing of the specimen is critical. Return to lab immediately.
Storage: Refrigerate.

Test Name: TOCAINIDE
Test ID: TOCAIN
Synonyms: Tonocard
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 2 ML FROM PLAIN RED TOP - REF Centrifuge and transfer serum to plastic vial.
Additional Information: SST TUBES ARE UNACCEPTABLE
<table>
<thead>
<tr>
<th>Test Name: TOPIRAMATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: TOP</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type: SERUM 1 ML FROM PLAIN RED TOP - REF</td>
</tr>
<tr>
<td>Collection Instructions: Centrifuge and transfer serum to plastic vial.</td>
</tr>
<tr>
<td>Additional Information: SST TUBES ARE UNACCEPTABLE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: TORCH CONGENITAL DISEASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: TORCH</td>
</tr>
<tr>
<td>Synonyms: This test is to be ordered only on neonates or cord blood specimens. For others, order individual tests.</td>
</tr>
<tr>
<td>Test Includes: Toxoplasma IgG and IgM, CMV IgG and IgM, Rubella IgM and quantitative IgM</td>
</tr>
<tr>
<td>Testing Facility: Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time: Done twice weekly M - F. Results available within 3 days.</td>
</tr>
<tr>
<td>Precollection Instructions: Note if specimen is cord blood</td>
</tr>
<tr>
<td>Specimen Type: Serum</td>
</tr>
<tr>
<td>Volume: 1 mL</td>
</tr>
<tr>
<td>Container: 7 mL SST</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: TOXOCARA ANTIBODY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: TOXCAR</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling: SERUM 1 ML - REF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name: TOXOPLASMA DNA PCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID: TXPCR</td>
</tr>
<tr>
<td>Testing Facility: Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling: EDTA PLASMA 1 ML - FROZEN</td>
</tr>
</tbody>
</table>
Test Name: TOXOPLASMOSIS ANTIBODY TITER  
Test ID: TOXO  
Synonyms: Toxoplasma titer  
Test Includes: Toxoplasma IgG and IgM  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done twice weekly M – F. Results available within 4 days.  
Specimen Type: Serum  
Volume: 1 mL  
Container: 7 mL SST

Test Name: TPMT ENZYME  
Test ID: TPMTE  
Testing Facility: Reference Laboratory  
Specimen Type: EDTA  
Volume: 5 ml whole blood  
Specimen Handling: Ambient or cold pack

Test Name: TPMT Genetics  
Test ID: TPMTG  
Testing Facility: Reference Laboratory  
Specimen Type: EDTA  
Volume: 5ml whole blood  
Specimen Handling: Ship ambient or with cold pack

Test Name: TRANSFERRIN  
Test ID: TRF  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7days/week, 24hours/day. Results available the same day.  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or Plasma Lithium Heparin.

Test Name: TRAZODONE (DESYREL)  
Test ID: TRAZ  
Synonyms: Desyrel  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2 ML FROM PLAIN RED - REF Centrifuge and transfer serum to plastic vial.  
Additional Information: SST TUBES ARE UNACCEPTABLE
Test Name: TREPONEMA PALLIDUM AB, IGG
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Type: SERUM 1 ML - REF

Test Name: TRICHINELLA ANTIBODY
Test ID: TRICH
Synonyms: Trichinosis antibody
Testing Facility: Reference Laboratory
Specimen Type: Serum
Volume: 1 mL
Container: 7 mL SST
Specimen Handling: Refrigerate specimen

Test Name: TRICYCLIC ANTIDEPRESSANT, QUANT
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: 2 ML SERUM - PLAIN RED TOP - REF Centrifuge and transfer serum to plastic vial.
Additional Information: SST UNACCEPTABLE; THIS IS A QUANTITATIVE TEST

Test Name: TRIFLUOPERAZINE
Test ID: MISC
Testing Facility: Reference Laboratory
Specimen Handling: SERUM 3ML FROM PLAIN RED TOP - ROOM TEM Centrifuge and transfer serum to plastic vial.
Additional Information: SST TUBES ARE UNACCEPTABLE; PROTECT FROM LIGHT

Test Name: TRIGLYCERIDES
Test ID: TRIG
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Precollection Instructions: A 12-hour fast is required
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.
Volume: 1 mL
Container: SST or plasma lithium heparin.
Specimen Handling: Avoid hemolysis
Storage: Refrigerate.
Test Name: TRIMIPRAMINE
  Test ID: TRIM
  Synonyms: Surmontil
  Testing Facility: Reference Laboratory - Labcorp
  Specimen Type: Serum
  Volume: 1 mL
  Container: Red top tube (DO NOT use SST).
  Specimen Handling: Centrifuge and transfer serum to plastic vial. Freeze.

Test Name: Troponin I High Sensitive
  Test ID: TROPHS
  Testing Facility: Aultman Hospital
  Turnaround Time: Done 7 days/week, 24 hours/day. Results available within 2 hours of receipt.
  Specimen Type: Plasma (Lithium Heparin)
  Volume: 1 ml
  Container Type: 4ml green top (Lithium heparin)
  Specimen Handling: Separate plasma from cells within 2 hours of collection and store in refrigerator. Freeze if not performed within 24 hours.

Test Name: TROPNIN T
  Test ID: TNT
  Testing Facility: Reference Laboratory
  Specimen Handling: 1 ML SERUM - REF

Test Name: TRYPANOSOMA CRUZI ANTIBODY
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: SERUM 1 ML - REF

Test Name: TRYPTASE
  Test ID: TRYPT
  Testing Facility: Reference Laboratory
  Specimen Handling: SERUM 1 ML - REF

Test Name: TSH RECEPTOR ANTIBODY
  Test ID: MISC
  Testing Facility: Reference Laboratory
  Specimen Handling: 1 ML SERUM - PLAIN RED TOP PREFERRED - REF Centrifuge and transfer serum to plastic vial.
  Additional Information: SST ALSO ACCEPTABLE
Test Name: TULAREMIA ANTIBODY  
Test ID: TULGM  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM FROM SST TUBE - REFRIGERATED

Test Name: TYPE AND SCREEN  
Test ID: TS  
Test Includes: ABO & ABS. Blood Bank will reflex additional testing when positive ABS  
Testing Facility: Aultman Laboratory  
Turnaround Time: 45 minutes  
Container: 6 ml pink top EDTA  
Additional Information: NOTE: All specimens sent to Blood Bank for testing must have a handwritten identification label that includes the patient’s first and last name, Medical Record number (Date of Birth is acceptable for Outpatients), date and time of collection and collector’s initials. Specimens missing any of the elements listed above will be rejected and must be recollected.

Test Name: TYPHUS GROUP ANTIBODIES  
Test ID: TYPH  
Synonyms: Rickettsial Ab panel  
Test Includes: IgG and IgM  
Testing Facility: Reference Laboratory  
Specimen Type: Serum  
Volume: Serum: 1 mL,  
Specimen Handling: Refrigerate

Test Name: TYROSINE  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: HEP PLASMA 2 ML - FROZEN  
Additional Information: GREEN TOP TUBE COLLECT ON ICE; SPIN AND FREEZE ASAP; FASTING
Test Name: UGT1A1 GENE POLYMORPHISM  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 5ML EDTA WHOLE BLOOD - ROOM TEMP

Test Name: UREA NITROGEN, 24 HOUR URINE  
Test ID: UNU24  
Synonyms: Urine BUN, urea, UUN  
Test Includes: Collection time, volume, creatinine, urea nitrogen  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. If specimen received by 1000, results available the same day.  
Precollection Instructions: No preservative. See 24-hour Urine Collection Instructions.  
Specimen Type: 24-hour urine  
Volume: Submit entire urine collection to lab  
Container: Obtain urine collection container from lab  
Specimen Handling: Keep specimen on ice during collection.

Test Name: UREA NITROGEN, RANDOM URINE  
Test ID: UNUR  
Synonyms: Urine BUN, urea, UUN  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.  
Specimen Type: Random urine  
Volume: 2 Ml  
Container: Plastic urine tube

Test Name: URIC ACID, 24 HOUR URINE  
Test ID: URU24  
Test Includes: Collection time, volume, creatinine, uric acid  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. If specimen received before 1000, results available the same day.  
Precollection Instructions: No preservative. See 24-hour Urine Collection Instructions.  
Specimen Type: 24-hour urine  
Volume: Submit entire urine collection to lab  
Container: Obtain urine collection container from lab  
Specimen Handling: Keep specimen on ice during collection  
Storage: Refrigerate.
Test Name: URIC ACID, BODY FLUID
Test ID: URIBF
Test Includes: Body fluid type, uric acid
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Body fluid
   Volume: 2 – 4 mL
   Storage: Refrigerate.

Test Name: URIC ACID, RANDOM URINE
Test ID: URUR
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Random urine
   Volume: 2 mL
   Container: Plastic urine tube
   Storage: Refrigerate.

Test Name: URIC ACID, SERUM
Test ID: URIC
Testing Facility: Aultman Laboratory
Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.
Specimen Type: Serum or Plasma Lithium Heparin – Separate from cells within 2 hours of collection.
   Volume: 1 mL
   Container: SST or plasma lithium heparin.
Specimen Handling: Avoid hemolysis
   Storage: Refrigerate.
Additional Information: **If patient is on Elitek; the patient must be drawn in the main hospital Out Patient Lab only; Draw a pre-chilled green top tube. Transport specimen on ice**
Test Name: URINALYSIS
Test ID: UA
Synonyms: UA

Test Includes: Source, color, appearance, urine dipstick for specific gravity, glucose, bilirubin, ketones, blood, pH, protein, urobilinogen, nitrate, leukocytes. Microscopic analysis will be reflexed by abnormal results.

Testing Facility: Aultman Laboratory

Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.

Precollection Instructions: A first morning void specimen is preferred

Specimen Collection / Keep on ice or refrigerate
Transfer Instructions:
  Specimen Type: Random urine
  Volume: 2 mL (minimum)
  Container: Plastic urine tube

Test Name: URINE FOR CYTOLOGY

Testing Facility: Aultman Laboratory

Turnaround Time: Monday-Friday received by 3:00pm, Saturday received by 11:00am. 2 working days. Certain non-Gyn cases will require additional stains and will take longer.

Specimen Collection / Use Form 308A, (Cytology Specimens). Mark the source of the specimen on the form and include any pertinent clinical information. Mark VOID or CATH.

Specimen Type: Collect the first part or all (not midstream) of the second or later void of the day.
  Volume: Minimum of 50 mL for adult patients, 10 mL minimum for pediatric patients.
  Container: Cytology urine container with fixative. If Microbiology or Urinalysis is also ordered, send separate specimens for these tests.

Specimen Handling: Deliver to the Cytology department. After hours, deliver specimen to the Microbiology department.
  Specimen Handling: Refrigerate

Test Name: UROVYSISN,FISH VYSIS
Test ID: UROVYSISN,FISH

Testing Facility: Reference Laboratory

Specimen Handling: 50ML URINE (ADDED TO PRESERVATIVE KIT AVAILABLE IN SEND OUTS

Additional Information: ROOM TEMPERATURE
Test Name: VALPROIC ACID
Test ID: VALPR
Synonyms: Depacon, Depakene, Depakote
Test Includes: Time of last dose, valproic acid
Testing Facility: Aultman Laboratory

Turnaround Time: Done 7 days/week, 24 hours/day. Results available the same day.

Precollection Instructions: Usual sampling time: Trough level drawn just prior (30 minutes) to next dose.

NOTE: A trough level approximates the lowest steady state concentration in serum between doses. Since the evening dose is often the longest dosing interval, a morning trough level may be desirable but not necessary.

Specimen Type: Serum/Plain Red Top/Plasma Lithium Heparin – Separate from cells within 2 hours of collection.

Volume: 1 mL
Container: SST/Plain Red Top/Plasma Lithium Heparin

Specimen Handling: Centrifuge and transfer serum to plastic vial if collected in red top.
Storage: Refrigerate.

Test Name: VANADIUM
Test ID: MISCNB
Testing Facility: Reference Laboratory

Specimen Handling: 10ML RANDOM URINE - REF
**Test Name:** VANCOMYCIN  
**Test ID:** VANCP (peak), VANCT (trough)  
**Synonyms:** Vancocin  
**Test Includes:** Time of last dose, vancomycin  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Pre collection Instructions:**  
1. Trough: 1/2 hour or less before next scheduled dose  
2. Peak: 1/2 hour – 1 hour after IV infusion is completed.  
3. Trough and peak levels should be collected around the same dosing interval.  
4. Trough and peak levels must be ordered on separate requisitions.  
**Individualized dosing:**  
1. Three separate levels should be done at 1 hour, 2 hours and 4 hours after IV infusion is completed. Order on 3 separate requisitions, identifying the specimen in order comments. One order must have the following information in order comments:  
   a. Patient weight  
   b. Dosage given  
   c. Time infusion started and finished  
   d. All other antibiotics given  
2. Copies of individualized dosing levels are sent to pharmacy for dosing calculations. Pharmacy makes the recommendations.  
3. If patient’s most recent serum creat is >2.0 mg/dL, call pharmacy for timing for individualized dosing specimens.  
**Specimen Type:** Serum/Plain Red Top/Plasma Lithium Heparin – Separate from cells within 2 hours of collection.  
**Volume:** 1 mL  
**Container:** SST/Plain Red Top/Plasma Lithium Heparin  
**Specimen Handling:** Centrifuge and transfer serum to plastic vial in collected in red top.  
**Storage:** Refrigerate.

---

**Test Name:** VANCOMYCIN (Random)  
**Test ID:** VANCR  
**Synonyms:** Random Vancomycin  
**Test Includes:** Time of last dose, vancomycin  
**Testing Facility:** Aultman Laboratory  
**Turnaround Time:** Done 7 days/week, 24 hours/day. Results available the same day.  
**Specimen Type:** Serum  
**Volume:** 1 mL  
**Container:** Plain red top  
**Specimen Handling:** Centrifuge and transfer serum to plastic vial.
<table>
<thead>
<tr>
<th>Test Name:</th>
<th>VARICELLA IGM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>VZVM</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>SERUM 1 ML - REF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>VARICELLA IMMUNE STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>VARIS</td>
</tr>
<tr>
<td>Synonyms:</td>
<td>Chicken pox immune status</td>
</tr>
<tr>
<td>Test Includes:</td>
<td>Detection of IgG antibodies for Varicella zoster</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Aultman Laboratory</td>
</tr>
<tr>
<td>Turnaround Time:</td>
<td>Done twice weekly.</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>Serum</td>
</tr>
<tr>
<td>Volume:</td>
<td>1 mL</td>
</tr>
<tr>
<td>Container:</td>
<td>7 mL SST</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>VARICELLA PCR CSF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>MISCNB</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>1 ML CSF - FROZEN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>VASOPRESSIN INTESTINAL PEPTIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>VIP</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>1 ML PLASMA FROM THE SPECIAL KIT (PROTEASE INHIBITOR TUBE) AVAILABLE IN SEND OUTS</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>1 ML - FROZEN</td>
</tr>
<tr>
<td>Additional Information:</td>
<td>A BUTTERFLY MUST BE USED THE DRAW THE BLOOD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>VDRL, CSF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>VDRL</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>1 ML CSF - REFRIGERATED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Name:</th>
<th>VERY LONG CHAIN FATTY ACIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test ID:</td>
<td>MISC</td>
</tr>
<tr>
<td>Testing Facility:</td>
<td>Reference Laboratory</td>
</tr>
<tr>
<td>Specimen Handling:</td>
<td>1 ML PLASMA – SODIUM HEP - FROZEN</td>
</tr>
</tbody>
</table>
Test Name: VISCOSITY, SERUM  
Test ID: VISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM FROM SST TUBE – REFRIGERATED

Test Name: VITAMIN A  
Test ID: VITA  
Testing Facility: Reference Laboratory  
Specimen Handling: EDTA PLASMA 2 ML - FROZ  
Additional Information: PROTECT FROM LIGHT; OVERNIGHT FASTING PREFERRED

Test Name: VITAMIN B1 (THIAMINE) (WHOLE BLOOD)  
Test ID: B1WB  
Testing Facility: Reference Laboratory  
Specimen Type: 2 ml WHOLE BLOOD  
Container: EDTA LAVENDER  
Specimen Handling: LAVENDER - WHOLE BLD 5 ML – FROZEN

Test Name: VITAMIN B1, PLASMA  
Test ID: PVITB1  
Testing Facility: Reference Laboratory  
Volume: 1 ML PLASMA FROM SODIUM OR LITHIUM (GREEN TOP) TUBE  
Container: HEPARIN  
Specimen Handling: FROZEN - separate plasma within 1 hour of collection

Test Name: VITAMIN B12  
Test ID: B12  
Synonyms: B12  
Testing Facility: Aultman Laboratory  
Turnaround Time: Done daily. Results available the same day  
Precollection Instructions: A fasting specimen is preferred  
Specimen Type: Serum or plasma lithium heparin – Separate from cells within 2 hours of collection.  
Volume: 1 mL  
Container: SST or Plasma Lithium Heparin  
Specimen Handling: Avoid hemolysis  
Storage: Refrigerate.
<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test ID</th>
<th>Testing Facility</th>
<th>Container</th>
<th>Specimen Handling</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>VITAMIN B12 BINDING CAPACITY</td>
<td>B12BIN</td>
<td>Reference Laboratory</td>
<td></td>
<td>1 ML SERUM - REF</td>
<td>AKA: TRANSCOBALAMIN</td>
</tr>
<tr>
<td>VITAMIN B2</td>
<td>VITB2</td>
<td>Reference Laboratory</td>
<td>Green (Sodium or lithium heparin)</td>
<td>PLASMA 2 ML - FROZEN</td>
<td>PROTECT FROM LIGHT</td>
</tr>
<tr>
<td>VITAMIN B6</td>
<td>VITB6</td>
<td>Reference Laboratory</td>
<td>Heparin</td>
<td>PLASMA 2 ML - FROZEN</td>
<td>PROTECT FROM LIGHT</td>
</tr>
<tr>
<td>VITAMIN C (ASCORBIC ACID)</td>
<td>VITC</td>
<td>Reference Laboratory</td>
<td>Heparin</td>
<td>1 ml plasma - FROZEN</td>
<td>PROTECT FROM LIGHT/OVERNIGHT FASTING PREFERRED/DO NOT THAW</td>
</tr>
<tr>
<td>VITAMIN D (1,25 DIHYDROXY)</td>
<td>125VTD</td>
<td>Reference Laboratory</td>
<td>SST</td>
<td>3 ml serum – Refrigerate</td>
<td></td>
</tr>
<tr>
<td>Test Name</td>
<td>Test ID</td>
<td>Testing Facility</td>
<td>Specimen Type</td>
<td>Container</td>
<td>Specimen Handling</td>
</tr>
<tr>
<td>-------------------------------</td>
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<td>---------------</td>
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<td>--------------------------------------------------------</td>
</tr>
<tr>
<td>VITAMIN D, 25-HYDROXY</td>
<td>VIDH</td>
<td>Aultman Laboratory</td>
<td>Serum</td>
<td>7ml SST</td>
<td>Separate serum from cells within 2 hours of collection.</td>
</tr>
<tr>
<td>VITAMIN E</td>
<td>VITE</td>
<td>Reference Laboratory</td>
<td>EDTA</td>
<td></td>
<td>2 ml plasma- Frozen</td>
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<tr>
<td>VITAMIN K</td>
<td>VITK</td>
<td>Reference Laboratory</td>
<td>Serum</td>
<td>SST</td>
<td></td>
</tr>
<tr>
<td>VMA</td>
<td>VMAU</td>
<td>Reference Laboratory</td>
<td>10 ML UNPRESERVED URINE</td>
<td>SST</td>
<td></td>
</tr>
<tr>
<td>VOLATILE SCREEN, SERUM</td>
<td>VOLS</td>
<td>Reference Laboratory</td>
<td>Serum</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Test Name: VOLTAGE GATED CALCIUM CHANNEL  
Test ID: VOLTCA  
Testing Facility: Reference Laboratory  
Specimen Type: 1 ML SERUM - REFRIGERATED  

Test Name: VON WILLEBRAND MULTIMERS  
Test ID: VWMUL  
Testing Facility: Reference Laboratory  
Specimen Type: 2 ML PLASMA (CITRATED BLUE TOP TUBE) - FROZEN  
Specimen Handling: PLATELET POOR PLASMA  

Test Name: VON WILLEBRAND FACTOR ANTIGEN  
Test ID: F8AG  
Synonyms: vwFactor Ag, vwF Ag, Factor 8 Related Antigen, vonWillebrand Antigen  
Testing Facility: Aultman Laboratory  
Turnaround Time: Batched and done once per week.  
Specimen Type: Plasma (citrated)  
Volume: 2mL  
Container: (2) 5mL blue top tubes (MUST be full); Do Not Refrigerate Blue Tops  
Specimen Handling: Specimen must be processed in Aultman Lab within 4 hours of collection; alternatively may be drawn in Aultman Outpatient Department.  

Test Name: VORICONAZOLE, SERUM  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML SERUM - PLAIN RED TOP - REF  
Additional Information: Centrifuge and transfer serum to plastic vial.  

Test Name: WEST NILE ANTIBODY, SERUM  
Testing facility: Reference laboratory  
Test ID: NILE  
Specimen type: 2 ML SERUM - REFRIGERATED  
Specimen Handling: SEPARATE SERUM WITHIN 2 HRS  

The information contained in this Directory is provided only as general information and is subject to change without notice.
Test Name: WEST NILE ANTIBODY, CSF  
Test ID: CWESTG  
Specimen Type: CSF  
Testing Facility: Reference Laboratory  
Specimen Handling: 2 ML CSF - REFRIGERATED  
Additional Information: IGG ONLY

Test Name: WHITE BLOOD CELL  
Test ID: WBC  
Testing Facility: Aultman Hospital  
Turnaround Time: STAT/URGENT 30-60min, ROUTINE 6 hours  
Specimen Handling: 2ml Whole Blood EDTA from Lavender tube  
Additional Information: Room Temperature

Test Name: YEAST ID AND SENSITIVITY  
Test ID: MICRO TO ORDER  
Testing Facility: Reference Laboratory  
Specimen Handling: PURE CULTURE ON AGAR SLANT - ROOM TEMP  
Additional Information: SEND IN DOUBLE CANISTER

Test Name: ZAP-70  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 5ML EDTA WHOLE BLOOD - ROOM TEMP

Test Name: ZINC PROTOPORPHYRIN  
Test ID: ZPP  
Testing Facility: Reference Laboratory  
Container: 1 ML WHOLE BLOOD FROM EDTA (Navy Blue) TUBE - REFRIGERATED  
Specimen Handling: WHOLE BLD - REFRIGERATE  
Additional Information: ALTERNATE SPECIMEN – 1 ML WHOLE BLOOD FROM EDTA (LAVENDER TOP)

Test Name: ZINC  
Test ID: ZINC  
Testing Facility: Reference Laboratory  
Container: 1 ML PLASMA (DARK BLUE TUBE WITH ADDITIVE) - REFRIGERATED
Test Name: ZINC, URINE  
Test ID: ZINCU  
Testing Facility: Reference Laboratory  
Specimen Handling: 10 ML FROM 24 HR UNPRESERVED URINE Poured INTO METAL FREE TRANSPORT TUBE – REFRIGERATED  
Additional Information: RANDOM URINE ALSO ACCEPTABLE

Test Name: ZOLOFT  
Synonym: Sertaline  
Test ID: MISC  
Testing Facility: Reference Laboratory  
Specimen Handling: 1 ML SERUM - PLAIN RED TOP - REF Centrifuge and transfer serum to plastic vial.

Test Name: ZONISAMIDE (ZONEGRAN)  
Test ID: ZONIS  
Testing Facility: Reference Laboratory  
Specimen Handling: SERUM 2 ML FROM PLAIN RED - REF Centrifuge and transfer serum to plastic vial.  
Additional Information: SST TUBES ARE NOT ACCEPTABLE