Sublette County Rural Healthcare District

LABORATORY TEST DIRECTORY

Online Directory available at: www.sublettehealthcare.com

Departments & Services
Laboratory

Pinedale Medical Clinic
625 E. Hennick St.
Pinedale, WY 82941
307-367-4133

Marbleton-Big Piney Clinic
103 W. 3rd St.
Marbleton, WY 83113
307-276-3306

***For further information on the following please contact the SCRHD Lab @
307-367-4133 Ext. 3234:
Performance specifications, accuracy, precision, sensitivity, specificity and linearity

Test Directory updated annually or upon additions and/or deletions to the test menu

**Updated: 7/11/17**

PINEDALE MEDICAL CLINIC/MARBLETON BIG PINEY CLINIC
LABORATORY TEST DIRECTORY

CHEMISTRY

SODIUM (Na)
POTASSIUM (K) *
CHLORIDE (Cl)
CO2
GLUCOSE (Glu) *
CREATININE (Creat) *
BUN *
AST *
ALT *
ALKALINE PHOSPHATASE (ALK) *
TOTAL PROTEIN (TP) *
ALBUMIN (Alb) *
CALCIUM (Ca) *
TOTAL BILIRUBIN (TBILI)
DIRECT BILIRUBIN (DBILI)*
CHOLESTEROL (Chol)*
TRIGLYCERIDE (Trig) *
HDL
URIC ACID *
AMYLASE *
LIPASE*
MAGNESIUM*
CMP: NA, K, CL, CO2, GLU, CREAT, BUN,
AST, ALT, ALK, TP, ALB, CA, TBILI
BMP: NA, K, CL, CO2, GLU, CREAT, BUN, CA
ELECTROLYTES: NA, K, CL, CO2
LIPID PROFILE: CHOL, TRIG, HDL AND CALCULATED LDL
LIVER FUNCTION TESTS (LFT): ALB, TBILI, DBILI, ALK, TP, ALT, AST

SPECIAL CHEMISTRY

THYROID STIMULATING HORMONE (TSH)
FERRITIN
FREE T3 (FT3)
FREE T4 (FT4)
PROSTATE SPECIFIC ANTIGEN (PSA) (SCREEN)
PROSTATE SPECIFIC ANTIGEN (PSA) (DIAGNOSTIC)

HEMATOLOGY

CBC/3 PART AUTOMATED DIFFERENTIAL
CBC W/O AUTOMATED DIFFERENTIAL
HEMOGLOBIN (HBG) & HEMATOCRIT (HCT) (H & H)
HEMOGLOBIN (HBG) *
HEMATOCRIT (HCT) *
MANUAL DIFFERENTIAL
ERYTHROCYTE SEDIMENTATION RATE (ESR)

COAGULATION

PROTIME/INR (COAGUCHECK)

URINALYSIS

UA DIPSTICK ONLY
UA DIPSTICK WITH REFLEX TO CULTURE
UA DIPSTICK WITH REFLEX TO MICRO
UA DIPSTICK WITH REFLEX TO MICRO & REFLEX TO CULTURE
UA WITH MICRO
URINE PREGNANCY

CARDIAC PANEL

NT-PRO-BNP
CARDIAC ENZYMES (MYOGLOBIN & TROPONIN I)
D-DIMER

MISCELLANEOUS

RAPID STREP SCREEN WITH REFLEX TO CULTURE
RAPID INFLUENZA (A & B)
RAPID RSV
MONO TEST
HGBA1C
KOH
CULTURES: THROAT (STREP ONLY)
STOOL OCCULT BLOOD SCREEN
STOOL OCCULT BLOOD DIAGNOSTIC
WET PREP
RAPID URINE DRUG SCREEN - 9 DRUGS
RAPID H. PYLORI
GLUCOMETER

* CAN BE RUN ON AN INDIVIDUAL BASIS

Let the specimen clot for 30 min., then spin for 10 min.
SST = 7.5 ml Tiger top (orange/black); OR 5r Mark aliquot tube as SERUM

Spin for 10 min.
PST = 8.0 ml Camouflaged (green/black) OR Mark aliquot tube as PLASMA
**ALBUMIN (routine/stat)**

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Contaminated or hemolyzed specimens

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated: 72 hrs.; Frozen: 6 months

CPT Codes: 82040

**ALP (ALKALINE PHOSPHATASE)**

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Grossly hemolyzed specimens. Specimens collected in EDTA or sodium fluoride/potassium oxalate or citrated anticoagulant.
**ALT (ALANINE AMINOTRANSFERASE)**

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Hemolyzed specimens. Specimens showing indication of bacterial contamination. Sodium fluoride/potassium oxalate should not be used as an anticoagulant.

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated: 7 days; Frozen: 1 week

CPT Codes: 84460

**AMYLASE**

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated: 7 days; Frozen: 1 week

CPT Codes: 84075
Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Hemolyzed specimens. Specimens containing calcium chelating anticoagulants such as oxalates, citrates and EDTA.

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Ambient: 1 week; Refrigerated: 30 days; Whole blood: Ambient: 1 hour

CPT Codes: 82150

AST (ASPARTATE AMINOTRANSFERASE)

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Specimens containing sodium fluoride/potassium oxalate, EDTA, and citrate as anticoagulants, hemolyzed, or specimens containing cellular material.

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated:
**NT-proBNP (N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE)**

Methodology: Two-Site Sandwich Assay based upon solid phase Radial Partition Immunoassay (RPIA)

Performed: Sun-Sat

Reported: Routine or Stat

**Collect:** One 4 mL green top (Lithium Heparin or Sodium Heparin)

Storage/Transport Temperature: Whole blood @ room temperature or chilled. Must be run w/i 2 hrs.

Unacceptable Condition: Serum is unacceptable. Severely hemolyzed specimens are unacceptable.

Remarks: Must be tested within 2 hours. If testing cannot be completed within 24 hours, the plasma should be separated and stored @ -20C until it can be tested.

Stability (from collection to initiation): Ambient whole blood: 2 hrs.; Ambient plasma: 3 days; Refrigerated plasma: 3 days; Frozen plasma: 12 months

CPT Codes: 84450

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**BMP (BASIC METABOLIC PANEL): NA, K, CL, CO2, GLU, CREAT, BUN, CA**

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)
Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Specimens collected in EDTA, citrate, or oxalate anticoagulated

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): Refrigerated: 72 hours; Frozen: 2 weeks (CO2)

CPT Codes: 80048

BUN (BLOOD UREA NITROGEN)

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C/Whole blood green top (lithium heparin) @ RT

Unacceptable Condition: Anticoagulants containing fluoride should be avoided.

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated: 7 days; Frozen: 1 year

CPT Codes: 84520

CALCIUM

Methodology: Spectrophotometry
Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

**Collect:**

One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Blood collection tubes MUST be free of calcium. Specimens showing indication of hemolysis or bacterial contamination should not be analyzed.

Remarks: Patient should be fasting overnight prior to collection. Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Ambient: 7 days; Refrigerated: 3 weeks; Frozen: 8 months

CPT Codes: 82310

**CARDIAC ENZYMES (MYOGLOBIN, & TROPONIN I)**

Methodology: Two-Site Sandwich Assay based upon solid phase Radial Partition Immunoassay (RPIA)

Performed: Sun-Sat

Reported: Routine or Stat

**Collect:**

One 4ml green top (Lithium Heparin or Sodium Heparin)

Storage/Transport Temperature: Test specimens immediately or within 2 hrs. of collection. If testing cannot be completed within 2 hrs., separate & freeze heparinized plasma @ -20 or colder for longer storage. Transport specimens at room temperature or chilled and avoid extreme temperatures.

Unacceptable Condition: Avoid using severely hemolysed specimens; do not use blood specimens that have clotted. Serum is unacceptable.
Remarks: Must be tested within 2 hours. If testing cannot be completed within 24 hours, the plasma should be separated and stored @ -20C until it can be tested.

Stability (from collection to initiation): Ambient whole blood: 2 hrs.; Refrigerated plasma: 2 days; Frozen plasma: 2 months; Myoglobin ONLY: Refrigerated plasma: 1 week

CPT Codes: 82553, 84484

CBC/3 PART AUTOMATED DIFFERENTIAL
Methodology: Automated Cell Count with Flow Cell Differential

Performed: Sun-Sat

Reported: Routine or Stat

Collect: One 3 ml lavender (EDTA) or EDTA coated micro tube for finger-stick collection

Storage/Transport Temperature: 3 ml whole blood or EDTA coated micro tube @ 2-8 degrees C

Unacceptable Condition: Frozen, clotted, hemolyzed samples or specimens collected with anticoagulant other than EDTA or refrigerated samples for platelet and differential testing; samples drawn above an IV

Remarks: DO NOT place samples on a mechanical rocker.

Stability (from collection to initiation): Ambient: 8 hrs.; Refrigerated: 24 hours

CPT Codes: 85025

CBC W/O AUTOMATED DIFFERENTIAL
Methodology: Automated Cell Count

Performed: Sun-Sat
Reported: Routine or Stat

**Collect:** One 3 ml lavender (EDTA) or EDTA coated micro tube for finger-stick collection

Storage/Transport Temperature: 3 ml whole blood or EDTA coated micro tube @ 2-8 degrees C

Unacceptable Condition: Frozen, clotted, hemolyzed samples or specimens collected with anticoagulant other than EDTA or refrigerated samples for platelet counts; samples drawn above an IV

Remarks: DO NOT place samples on a mechanical rocker.

Stability (from collection to initiation): Ambient: 8 hrs.; Refrigerated: 24 hours

CPT Codes: 85025

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**CHLORIDE**

Methodology: Ion Selective Electrode (ISE)

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Specimens showing indication of hemolysis or bacterial contamination should not be analyzed

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): Serum: Ambient: 1 hour; After serum/plasma separation from
CHOLESTEROL

Methodology: Spectrophotometry

Performed: Mon-Fri 8am-5pm

Reported: Routine

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Separate serum/plasma from cells within 2 hours of collection @ 2-8 degrees C

Unacceptable Condition: Hemolyzed serum

Remarks: Patient should be fasting for 9 -12 hours prior to specimen collection. Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated: 7 days; Frozen: 3 months

CPT Codes: 82435

CMP (COMPREHENSIVE METABOLIC PANEL)

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C
**CO2 (CARBON DIOXIDE)**

**Methodology:** Spectrophotometry

**Performed:** Mon-Fri/Sun-Sat

**Reported:** Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

**Storage/Transport Temperature:** Serum/plasma @ 2-8 degrees C

**Unacceptable Condition:** Specimens containing citrate as anticoagulant

**Remarks:** Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Specimens should be handled anaerobically, separated from erythrocytes and stored tightly stoppered before analysis.

**Stability (from collection to initiation):** After serum/plasma separation from cells: Refrigerated: 7 days; Frozen: 2 weeks

**CPT Codes:** 82374

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**Unacceptable Condition:** Specimens collected in EDTA, citrate, or oxalate anticoagulant

**Remarks:** Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

**Stability (from collection to initiation):** Refrigerated: 72 hrs. (ALB); Frozen: 1 week (ALT)

**CPT Codes:** 80053

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**CREAT (CREATININE)**

**Methodology:** Spectrophotometry

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Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Specimens obtained through catheters used to infuse hyperalimentation fluid. Specimens with potassium oxalate/sodium fluoride, citrate or EDTA anticoagulants

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated: 7 days; Frozen: 3 months

CPT Codes: 82565

**CULTURES: THROAT (STREP ONLY)**

Methodology: Standard reference procedures for aerobic bacterial culture and identification

Performed: Sun-Sat

Reported: Routine

**Collect:** Throat swab

Storage/Transport Temperature: Room temperature

Unacceptable Condition: The mouth and its saliva should be avoided, and heavy mucous draining down the back of the throat from the nose is also undesirable culture material
Remarks: The very back edge of the throat is swabbed on each side vigorously enough so that the subject gags. Particular attention should be taken to swab any red, raw or raised bumps along the side and any areas coated with pus.

Stability (from collection to initiation): Ambient: 3 days; Refrigerated: 3 days; Frozen: Unacceptable

CPT Codes: 87081

**DBILI**

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

**Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)**

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Hemolyzed specimens, lipemic specimens

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Protect from light during collection, storage and shipment.

Stability (from collection to initiation): After serum/plasma separation from cells: Refrigerated: 7 months;
Frozen: 6 months

CPT Codes: 82248

**D-DIMER**

Methodology: Two-Site Sandwich Assay based upon solid phase Radial Partition Immunoassay (RPIA)

Performed: Sun-Sat

Reported: Routine or Stat
**Collect: One 4ml green top (Lithium Heparin)**

Storage/Transport Temperature: Test blood specimens immediately or within 2 hours of collection. If testing cannot be completed within 2 hours, the plasma should be separated and frozen until it can be tested. Transport specimens at room temperature or chilled and avoid extreme temperatures.

Unacceptable Condition: Serum or severely hemolyzed specimens.

Remarks: Must be tested within 2 hours. If testing cannot be completed within 2 hours, the plasma should be separated and stored @ -20C until it can be tested.

Stability (from collection to initiation): Ambient whole blood: 2 hours; Refrigerated plasma: 2 days; Frozen: 2 months

CPT Codes: 85379

**ELECTROLYTES (NA, K, CL, CO2)**

Methodology: Ion Selective Electrode (ISE) & Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

**Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)**

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Hemolyzed or severely lipemic specimens or specimens collected in EDTA, citrate, or oxalate anticoagulated

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.
ESR (ERYTHROCYTE SEDIMENTATION RATE)  Methodology: Modified Westergren Method

Performed: Mon-Fri 8am-5pm

Reported: Routine

Collect: One 4 ml lavender (EDTA)

Storage/Transport Temperature: 4 ml whole blood @ 4 degrees C

Unacceptable Condition: Any sample collected in an anticoagulant other than EDTA, hemolyzed samples or samples > than 12 hrs. old refrigerated or > 2 hrs. ambient

Remarks:

Stability (from collection to initiation): Ambient: < 2 hrs.; Refrigerated: 12 hrs.

CPT Codes: 85651

FT3 (FREE T3)  Methodology: Enzyme Immunoassay (Competitive Binding Assay)

Performed: Tues/Fri 8am-5pm

Reported: Routine

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)
Storage/Transport Temperature: Samples may be refrigerated for up to 24 hours prior to analysis. If the analysis cannot be done within 24 hrs., the sample aliquots should be stored frozen for up to 60 days

Unacceptable Condition: EDTA and citrated plasma should not be used

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Repeated freeze-thaw cycles should be avoided.

Stability (from collection to initiation): Refrigerated: 24 hours; Frozen: 60 days

CPT Codes: 84481

### FT4 (FREE T4)

**Methodology:** Enzyme Immunoassay (Competitive Binding Assay)

**Performed:** Tues/Fri 8am-5pm

**Reported:** Routine

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Samples may be refrigerated for up to 24 hours prior to analysis. If the analysis cannot be done within 24 hrs., the sample aliquots should be stored frozen for up to 60 days

Unacceptable Condition: EDTA and citrated plasma should not be used

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Repeated freeze-thaw cycles should be avoided.

Stability (from collection to initiation): Refrigerated: 24 hrs.; Frozen: 60 days

CPT Codes: 84439
**FERRITIN**

Methodology: 2 Site Immunoenzymometric Assay

Performed: Tues/Fri 8am-5pm

Reported: Routine

**Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)**

Storage/Transport Temperature: Samples may be refrigerated for up to 24 hours prior to analysis. If the analysis cannot be done within 24 hrs., the sample aliquots should be stored frozen for up to 60 days

Unacceptable Condition: EDTA and citrated plasma should not be used

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Repeated freeze-thaw cycles should be avoided.

Stability (from collection to initiation): Refrigerated: 24 hours; Frozen: 60 days

CPT Codes: 82728

**GLUCOMETER**

Methodology: Electrochemical Measurement

Performed: Sun-Sat

Reported: Routine or Stat

**Collect: Capillary blood**

Storage/Transport Temperature: Freshly collected

Unacceptable Condition: Anticoagulated blood, plasma or serum
Remarks: You must apply blood to the test strip within 15 seconds of lancing the finger

Stability (from collection to initiation): Ambient: 15 seconds

CPT Codes: 82948

GLUCOSE (GLU)

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Specimens showing indication of hemolysis or bacterial contamination should

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Patient should be fasting for 12 hours prior to specimen collection

Stability (from collection to initiation): After serum/plasma separation from cells: Serum: Ambient: 8 hours; Both Refrigerated: 72 hours

CPT Codes: 82947

H. PYLORI

Methodology: Lateral Flow Immunoassay

Performed: Sun-Sat

Reported: Routine or Stat
**Collect:** One 4 ml green top (sodium heparin or lithium heparin) or one 3 ml/4 ml purple top (EDTA)

**Storage/Transport Temperature:** Whole blood @ 2-8 degrees C

**Unacceptable Condition:** The test should be used only to evaluate adult patients with clinical signs and symptoms suggestive of GI disease

**Stability:** (from collection to initiation): Whole blood: Ambient: 4 hrs.; Refrigerated: 72 hours

**CPT Codes:** 86677

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**HDL CHOLESTEROL**

**Methodology:** Spectrophotometry

**Performed:** Mon-Fri 8am-5pm

**Reported:** Routine

**Collect:** One 5 ml or 8.5 ml SST/PST

**Storage/Transport Temperature:** Serum/plasma @ 2-8 degrees C

**Unacceptable Condition:** Specimens showing indication of bacterial contamination should not be analyzed; Anticoagulants containing citrate should not be used

**Remarks:** Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Patient should be fasting for 9 - 12 hours prior to specimen collection

**Stability (from collection to initiation):** Refrigerated: 1-7 days

**CPT Codes:** 83695
HEMATOCRIT (HCT)

Methodology: Automated Cell Counter
Performed: Sun-Sat
Reported: Routine or Stat

Collect: One 4 ml lavender (EDTA) or EDTA coated micro tube for finger-stick collection

Storage/Transport Temperature: 4 ml whole blood or EDTA coated micro tube @ 2-8 degrees C

Unacceptable Condition: Frozen, clotted, hemolyzed samples or specimens collected with anticoagulant other than EDTA

Remarks:
Stability (from collection to initiation): Ambient: 12 hrs.; Refrigerated: 24 hrs.

CPT Codes: 85014

H & H (HEMOGLOBIN & HEMATOCRIT)

Methodology: Automated Cell Counter
Performed: Sun-Sat
Reported: Routine or Stat

Collect: One 4 ml lavender (EDTA) or EDTA coated micro tube for finger-stick collection

Storage/Transport Temperature: 4 ml whole blood or EDTA coated micro tube @ 2-8 degrees C

Unacceptable Condition: Frozen, clotted, hemolyzed samples or specimens collected with anticoagulant other than EDTA

Remarks:
Stability (from collection to initiation): Ambient: 12 hrs.; Refrigerated: 24 hrs.

CPT Codes: 85018 & 85014

**HEMOGLOBIN (HBG)**
Methodology: Automated Cell Counter
Performed: Sun-Sat
Reported: Routine or Stat
Collect: One 4 ml lavender (EDTA) or EDTA coated micro tube for finger-stick collection
Storage/Transport Temperature: 4 ml whole blood or EDTA coated micro tube @ 2-8 degrees C

Unacceptable Condition: Frozen, clotted, hemolyzed samples or specimens collected with anticoagulant other than EDTA

Remarks:
Stability (from collection to initiation): Ambient: 12 hrs.; Refrigerated: 24 hrs.
CPT Codes: 85018

**HGBA1C (HEMOGLOBIN A1C)**
Methodology: Boronate Affinity Assay
Performed: Sun-Sat
Reported: Routine
Collect: One 3 ml lavender (EDTA) or EDTA coated micro tube for finger-stick collection
Storage/Transport Temperature: 4 ml whole blood or EDTA coated micro tube @ 2-8 degrees C
KOH

Methodology: Microscopy

Performed: Mon-Fri 8am-5pm

Reported: Routine

Collect: Any source is acceptable, but skin and hair scrapings, oral swabs and vaginal swabs are the most common

Storage/Transport Temperature: Room temperature; Do Not put nail clippings or hair in a moist environment (saline)

Unacceptable Condition:

Remarks: For Moderately Complex Laboratories, CLIA allows the examination for fungal elements only

Stability (from collection to initiation): Ambient: 1 week

CPT Codes: 87220

LIPASE

Methodology: Spectrophotometry

Performed: Sun-Sat

Reported: Routine or Stat
LIPID PROFILE (CHOL, TRIG, HDL AND CALCULATED LDL)

Methodology: Spectrophotometry

Performed: Mon-Fri 8am-5pm

Reported: Routine

Collect: One 5 ml or 8.5 ml SST or PST

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Hemolyzed serum/plasma; specimens showing indication of bacterial contamination should not be analyzed

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Patient should be fasting for 9 - 12 hours prior to specimen collection

Stability (from collection to initiation): Refrigerated: 1-7 days

CPT Codes: 80061
**Liver Function Tests (LFT)**

Methodology: Spectrophotometry

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: (PROTECT FROM LIGHT): Serum/plasma @ 2-8 C

Unacceptable Condition: Specimens showing indication of hemolysis or bacterial contamination should not be analyzed

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Specimens must be stored away from sunlight or fluorescent lights because bilirubin is subject to photodegradation

Stability (from collection to initiation): After serum/plasma separation from cells: Ambient: 24 hrs.; Refrigerated: 72 hours; Frozen: 1 week

CPT Codes: 82040, 82247, 84075, 84155, 84460, 84450

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**Magnesium**

Methodology: Spectrophotometry

Performed: Sun-Sat

Reported: Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST

Storage/Transport Temperature: Serum/plasma @ 2-8 C
Unacceptable Condition: Hemolyzed serum/plasma

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Separate specimen from the RBCs ASAP because the magnesium concentration in RBCs is substantially greater than in serum/plasma; Store serum/plasma in stoppered tubes if analysis is delayed

Stability: (from collection to initiation): Separated serum/plasma: Refrigerated: 7 days; Frozen: 1 year

CPT Codes: 83735

MANUAL DIFFERENTIAL

Methodology: Microscopic

Performed: Mon-Fri 8am-5pm

Reported: Routine

Collect: One 4 ml lavender (EDTA)

Storage/Transport Temperature: 4ml whole blood at 2-8 degrees C

Unacceptable Condition: Frozen or clotted specimens

Remarks: Need to order a CBC also; laboratory personnel will make whole blood slides

Stability (from collection to initiation): Ambient: 8 hours; Refrigerated 24 hours

CPT Codes: 85007

MONO TEST

Methodology: Color ImmunoChromatographic Assay (CICA)

Performed: Sun-Sat
Reported: Routine or Stat

Collect: One 4 ml purple (EDTA whole blood)

Storage/Transport Temperature: Refrigerated EDTA whole blood

Unacceptable Condition: Results are valid even if hemolyzed

Remarks: Whole blood containing heparin or citrate as an anticoagulant may be used immediately or stored @ 2-8 degrees C for up to 72 hours

Stability (from collection to initiation): Refrigerated @ 2-8 degrees C for up to 72 hours; Frozen: 3 months

CPT Codes: 86308

POTASSIUM (K)

Methodology: Ion Selective Electrode (ISE)

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Hemolyzed specimen; specimens collected in sodium fluoride or potassium oxalate, citrate or EDTA

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.
Stability (from collection to initiation): After serum/plasma separation from cells: Ambient: 1 hour; Refrigerated: 2 weeks; Frozen: 4 months

CPT Codes: 84132

PROTIME/INR

Methodology: Electrochemical Measurement

Performed: Sun-Sat

Reported: Routine or Stat

Collect: Fingerstick sample

Storage/Transport Temperature: You must apply blood to the test strip within 15 seconds of lancing the finger

Unacceptable Condition: Plasma or serum

Remarks: Never add more blood to the test strip after the test has begun or perform another test using the same fingerstick

Stability (from collection to initiation): 15 seconds @ room temperature

CPT Codes: 85610

PSA (PROSTATE SPECIFIC ANTIGEN)

Methodology: Immunoenzymometric Assay

Performed: Tues/Fri 8am-5pm

Reported: Routine

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)
PSA (PROSTATE SPECIFIC ANTIGEN) SCREEN

Methodology: Immunoenzymometric Assay

Performed: Tues/Fri 8am-5pm

Reported: Routine

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Samples may be refrigerated for up to 24 hours prior to analysis. If the analysis cannot be done within 24 hrs., the sample aliquots should be stored frozen for up to 60 days

Unacceptable Condition: EDTA and citrated plasma should not be used

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Repeated freeze-thaw cycles should be avoided.

Stability (from collection to initiation): Refrigerated: 24 hrs.; Frozen: 60 days

CPT Codes: 84153
CPT Codes: 84153

**RAPID INFLUENZA (A & B)**

Methodology: Immunofluorescence

Performed: Sun-Sat

 Reported: Routine or Stat

**Collect:** Nasal swab, nasopharyngeal swab, nasal wash or aspirate

Storage/Transport Temperature: Room temperature in a clean, dry, closed container. If transport is required, minimal dilution, with viral transport medium (warmed to RT) is recommended (1ml or less is best to avoid excessive dilution of the patient sample).

Unacceptable Condition: Hank's Balanced Salt Solution @ RT or Modified Liquid Stuarts at RT

Remarks: Specimens should be tested ASAP

Stability (from collection to initiation): Ambient: ASAP, 72 hrs for Copan, M4, M4-RT, M5, M6 and Starplex

Multitrans VTM and 4 hrs for saline; 2-8 degrees C for 72 hrs for Copan, M4, M4-RT, M5, M6, Starplex

Multitrans VTM, 24 hrs for Hank's Balanced Salt Solution & saline, 6 hrs for Modified Liquid Stuarts

CPT Codes: 87804 & 87804-59

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**RAPID RSV (RESPIRATORY SYNCTIAL VIRUS)**

Methodology: Immunofluorescence

Performed: Sun-Sat

 Reported: Routine or Stat

**Collect:** Nasopharyngeal swab (supplied in the kit), nasopharyngeal aspirate or nasopharyngeal wash
Storage/Transport Temperature: Room temperature in a clean, dry, closed container. If transport is required, minimal dilution, with viral transport medium (warmed to RT) is recommended (1ml or less is best to avoid excessive dilution of the patient sample).

Unacceptable Condition: VTM >24 hrs at RT or refrigerated (Copan, Hank's Balanced Salt Solution, Liquid Amies Media, M4, M4-RT, M6, Modified Liquid Stuarts Media, saline, Starplex Multitrans or phosphate Buffered Saline)

Remarks: Proper specimen collection and handling is critical to the performance of this test; specimens should be tested ASAP; This test is suitable for the pediatric population (18 years of age and younger) only and should not be used in an adult population

Stability (from collection to initiation): Ambient: ASAP or 24 hours in VTM; Refrigerated: 24 hours in VTM

CPT Codes: 87807

RAPID STREP SCREEN WITH REFLEX TO CULTURE

Methodology: Immunofluorescence

Performed: Sun-Sat

Reported: Routine or Stat

Collect: Throat swab collected with rayon tipped swab; collect a second swab using a cotton tipped or Dacron swab for culture

Storage/Transport Temperature: Room temperature in a clean, dry, closed container or sleeve
Unacceptable Condition: Throat swabs collected using calcium alginate, cotton tipped or wooden shaft swabs for the rapid test

Remarks: It is recommended that swab specimens be processed ASAP after collection

Stability (from collection to initiation): Ambient: 24 hours; Refrigerated: 48 hours

CPT Code: 87880

Methodology: Ion Selective Electrode (ISE)

Performed: Mon-Fri/Sun-Sat

Reported: Routine or Stat

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Specimens collected in potassium oxalate, sodium fluoride, or sodium citrate

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum/plasma separation from cells: Ambient: 1 hour; Refrigerated: 2 weeks; Frozen: 4 months

CPT Codes: 82495

SODIUM (NA)

STOOL OCCULT BLOOD DIAGNOSTIC

Methodology: Colorimetry

Performed: Sun-Sat

Reported: Routine or Stat

Collect: Stool
STOOL OCCULT BLOOD SCREEN

Methodology: Colorimetry

Performed: Sun-Sat

Reported: Routine or Stat

Collect: Stool

Storage/Transport Temperature: Room temperature

Unacceptable Condition: Frozen stool, stool in preservatives

Remarks: If submitting the stool on the Colocheck slides, it must be a VERY THIN SMEAR

Stability (from collection to initiation): Ambient: up to 12 days

CPT Codes: 82272

TOTAL BILIRUBIN (TBILI)

Methodology: Spectrophotometry

Performed: Mon-Fri 8am-5pm/Sun-Sat

Reported: Routine or Stat
**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

**Storage/Transport Temperature:** Serum/plasma @ 2-8 degrees C

**Unacceptable Condition:** Specimens collected in EDTA, citrate, or oxalate anticoagulated

**Remarks:** Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. *Protect from light during collection, storage and shipment*

**Stability (from collection to initiation):** After serum/plasma separation from cells and if protected from light:  Refrigerated: 1 week; Frozen: 6 months

**CPT Codes:** 82247

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**TOTAL PROTEIN (TP)**

**Methodology:** Spectrophotometry

**Performed:** Mon-Fri 8am-5pm/Sun-Sat

**Reported:** Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

**Storage/Transport Temperature:** Serum/plasma @ 2-8 degrees C

**Unacceptable Condition:** Specimens collected in EDTA, citrate, or oxalate anticoagulated; extensive hemolysis should be avoided because the proteins released will react with ACE Total Protein Reagent

**Remarks:** Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

**Stability (from collection to initiation):** After serum/plasma separation from cells: Refrigerated: 72 hours; Frozen: 6 months

**CPT Codes:** 84155
TRIGLYCERIDE (TRIG)

Methodology: Spectrophotometry

Performed: Mon-Fri 8am-5pm

Reported: Routine

Collect: One 5 ml or 8.5 ml SST/PST

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Collection tubes and stoppers MUST be glycerol-free

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Fasting specimen preferred; NO vitamin supplements or alcohol 24 hrs. prior to specimen collection

Stability (from collection to initiation): Refrigerated: 4-7 days

CPT Codes: 84478

TSH (THYROID STIMULATING HORMONE)

Methodology: Immuno Enzymometric Assay

Performed: Tues/Fri 8am-5pm

Reported: Routine

Collect: One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Samples may be refrigerated for up to 24 hours prior to analysis. If the analysis cannot be done within 24 hrs., the sample aliquots should be stored frozen for up to 60 days

Unacceptable Condition: EDTA and citrated plasma should not be used
Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min. Repeated freeze-thaw cycles should be avoided.

Stability (from collection to initiation): Refrigerated: 7 days; Frozen: 60 days

CPT Codes: 84443

**UA DIPSTICK ONLY**

Methodology: Reflective Photometry

Performed: Sun-Sat

Reported: Routine or Stat

**Collect:** Random urine

Storage/Transport Temperature: 2-8 degrees C

Unacceptable Condition: Frozen specimen and in gray top tubes (boric acid)

Remarks: Time Sensitive

Stability (from collection to initiation): Ambient: 1 hr.; Refrigerated: 24 hrs.; Frozen: Unacceptable

CPT Codes: 81003

**UA DIPSTICK WITH MICRO**

Methodology: Reflective Photometry/Microscopic

Performed: Sun-Sat/Mon-Fri 8am-5pm

Reported: Stat/Routine

**Collect:** Random urine
Storage/Transport Temperature: 2-8 degrees C

Unacceptable Condition: Less than 2.5 ml urine; Frozen specimen or in gray top tubes (boric acid)

Remarks: Time Sensitive

Stability (from collection to initiation): Ambient: 1 hr.; Refrigerated: 24 hrs.; Frozen: Unacceptable

CPT Codes: 81015

**UA DIPSTICK WITH REFLEX TO MICRO**

Methodology: Reflective Photometry/Microscopic

Performed: Sun-Sat/Mon-Fri 8am-5pm

Reported: Stat/Routine

Collect: Random urine

Storage/Transport Temperature: 2-8 degrees C

Unacceptable Condition: Less than 2.5 ml urine; Frozen specimen or in gray top tubes (boric acid)

Remarks: Time Sensitive

Stability (from collection to initiation): Ambient: 1 hr.; Refrigerated: 24 hrs.; Frozen: Unacceptable

CPT Codes: 81003

**UA DIPSTICK WITH REFLEX TO MICRO & CULTURE**

Methodology: Reflective Photometry/Microscopic

Performed: Sun-Sat/Mon-Fri 8am-5pm

Reported: Stat/Routine
Collect: Clean catch or cath urine

Storage/Transport Temperature: 2-8 degrees C

Unacceptable Condition: Less than 2.5 ml urine; Frozen specimen or in gray top tubes (boric acid); urine from catheter bag

Remarks: Time Sensitive

Stability (from collection to initiation): Ambient: 1 hr.; Refrigerated: 24 hrs.; Frozen: Unacceptable

CPT Codes: 81003

**UA DIPSTICK WITH REFLEX TO CULTURE**

Methodology: Reflective Photometry/Microscopic

Performed: Sun-Sat/Mon-Fri 8am-5pm

Reported: Stat/Routine

Collect: Clean catch or cath urine

Storage/Transport Temperature: 2-8 degrees C

Unacceptable Condition: Less than 2.5 ml urine; Frozen specimen or in gray top tubes (boric acid); urine from catheter bag

Remarks: Time Sensitive

Stability (from collection to initiation): Ambient: 1 hr.; Refrigerated: 24 hrs.; Frozen: Unacceptable

CPT Codes: 81003

**URIC ACID**

Methodology: Spectrophotometry
Performed: Sun-Sat
Reported: Routine or Stat

**Collect:** One 5 ml or 8.5 ml SST or PST (lithium heparin)

Storage/Transport Temperature: Serum/plasma @ 2-8 degrees C

Unacceptable Condition: Specimens collected in EDTA, citrate, or oxalate anticoagulated; hemolyzed serum/plasma

Remarks: Allow SST to clot completely at room temperature for 30 min. & spin for 10 min. or spin PST for 10 min.

Stability (from collection to initiation): After serum or plasma separation from cells: Refrigerated: 3-5 days; Frozen: 6 months

CPT Codes: 84550

**URINE DRUG SCREEN, RAPID, 9 DRUGS**

Methodology: Lateral Flow Chromatographic Immunoassay

Performed: Sun-Sat
Reported: Routine or Stat

**Collect:** Urine specimen from any time of the day

Storage/Transport Temperature: Refrigerated

Unacceptable Condition: Do Not use cloudy samples or urine samples with visible precipitates for testing

Remarks: None
Stability (from collection to initiation): Refrigerated: 48 hrs. or freeze for prolonged storage

CPT Codes: 80101 X 9

**URINE PREGNANCY**

Methodology: Rapid Chromatographic Immunoassay

Performed: Sun-Sat

Reported: Routine or Stat

**Collect:** Urine specimen

Storage/Transport Temperature: Refrigerated

Unacceptable Condition: Do Not use cloudy samples or urine samples with visible precipitates for testing

Remarks: A first morning specimen is preferred; however, urine specimens collected at any time of the day may be used.

Stability (from collection to initiation): Refrigerated: 48 hrs. or freeze for prolonged storage

CPT Codes: 81025

**WET PREP**

Methodology: Microscopy

Performed: Mon-Fri 8am-5pm

Reported: Routine

**Collect:** Vaginal discharge

Storage/Transport Temperature: Transport to lab ASAP in a tube with warm saline in a cup of
tepid water

Unacceptable Condition: Dried swab

Remarks: Request tube with warm saline from laboratory staff

Stability (from collection to initiation): 15 minutes

CPT Codes: 87210