

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

LABORATORY SERVICES PROVIDED BY COOLEY DICKINSON HOSPITAL

THE FOLLOWING DOCUMENT DESCRIBES THE LABORATORY SERVICES AVAILABLE THROUGH THE COOLEY DICKINSON HOSPITAL, BOTH STAT AND ON A ROUTINE BASIS, AS WELL AS INSTRUCTIONS FOR SPECIMEN LABELING AND HANDLING, VENOUS BLOOD COLLECTION, AS WELL URINE COLLECTION GUIDELINES.

SPECIMEN LABELING AND HANDLING GUIDELINES

1.0 Principle

To ensure the quality of specimen collection, handling and labeling.

2.0 Procedure

2.1 Labeling Specimens and Containers

2.1.1 All specimens MUST be labeled with the following information:
Patient's last name, first name, and date of birth.

2.1.2 All information must be placed on a label which is on the container or directly on the container using a proper marking tool. Identifying information placed on covers of containers is NOT acceptable.

2.2 Open Containers

2.2.1 Specimens delivered to the laboratory in an open container such as a cup, pail, basin, rubber glove, open toilet paper, etc. are considered unacceptable.

2.3 Outside Contamination of Specimen Container

2.3.1 The outside of containers or accompanying requisition slips should not be contaminated, (i.e. contamination of a container with feces, urine, blood, etc.) If the specimen container is inadvertently contaminated at the time of collection and it is not feasible to collect a second specimen, the contaminated container should be placed inside a plastic bag and sealed, and this fact noted on the requisition slip. Contaminated requisition slips should be discarded and a new one filled out.

2.4 Damaged Specimen Container

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2.4.1 Glass or plastic containers which are cracked or broken so that the specimen may leak out (or may be considered a hazard to those handling the object) should not be submitted for examination. If a second specimen cannot be easily obtained, the damaged container should be placed in a clean plastic bag and hand carried to the laboratory with an accompanying explanation to the laboratory worker.

2.5 Hemolyzed Blood Specimens

2.5.1 As a general rule, hemolyzed blood is unsatisfactory. Each section of the laboratory must judge whether the hemolysis will affect the analysis in accordance with department guidelines.

2.6 Delay in Transport of Specimens to the Laboratory

2.6.1 Specimens must be delivered promptly to the laboratory after collection. Delays can alter and often negate the desired result, i.e. urine that is allowed to remain at room temperature, cytology specimens not preserved, etc.

2.7 Specimen Handling Guidelines

2.7.1 All specimens are refrigerated within an hour unless otherwise specified. See *Specimen Integrity Guidelines* below.

2.7.2 Blood Cultures are kept at room temperature.

2.7.3 All SST's and PST's are spun after 30 minutes of being collected unless otherwise specified. Then refrigerate.

2.7.4 Red Tops are spun after 30 minutes of being collected and are then separated and put into a screw cap vial and labeled appropriately. Then refrigerate or freeze or keep at room temperature according to instructions. Pay close attention to special instructions such as...Protect from light, freeze, etc.

2.7.5 Purple/Lavender Tops (EDTA) and Light Blue Tops (Sodium Citrate) are not spun unless otherwise specified. These can be refrigerated immediately or follow the guidelines below if they cannot be refrigerated immediately.

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Hematology/Coagulation Specimen Integrity Guidelines

CBC:	24 hours at room temperature
	48 hours at 2 – 8° C
RETICULOCYTE (RETA):	24 hours at room temperature
	72 hours at 2 – 8° C
ESR:	5 hours at room temperature
	12 hours at 2 – 8° C
PT:	24 hours at room temperature, spun or unspun
APTT:	Routine <u>non-heparinized</u> patient – 4 hours at room temperature or at 2 – 8° C

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VENOUS BLOOD COLLECTION PROCEDURE

1. Principle

1.1.1. To obtain a blood specimen from the patient for laboratory analysis.

2. Procedure

2.1. Equipment:

- i. Gloves
- ii. Tourniquet
- iii. Alcohol wipes (soap/water if drawing for Alcohol)
- iv. Gauze
- v. BD Eclipse needle

NOTE: (NOT PREASSEMBLED) (Preassembling needles to needle holders is **NOT** permitted. It is a sharps hazard. Also, you should be breaking the seal on the needle in front of the patient).

- vi. Needle holder
 - vii. Blood collection tubes
 - viii. Bandage
 - ix. Biohazard sharps container
- b. **If a patient has a latex allergy, refer to policy for Latex Allergic Patient.**
 - c. Identify the patient. See Patient Identification Policy. Address the patient as Miss, Mrs., or Mr. unless otherwise instructed by the patient.
 - d. Introduce yourself and explain the procedure to the patient.
 - e. Verify patient diet restrictions (fasting).
 - f. Properly position the patient. Gloves must be worn from the point where there is potential for exposure to a body fluid.
 - g. Verify preprinted labels are present for all tests ordered and that the patient information on the labels is correct.

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- h. Select the appropriate blood collection supplies and establish the order of draw:
 - i. Blood cultures
 - ii. Coagulation tubes (e.g. sodium citrate/light blue top)
 - iii. Serum separator tubes with or without clot activator, with or without gel (e.g. red top, gold top, red/black speckled top)
 - iv. Heparin tubes with or without gel plasma separator (e.g. green top)
 - v. EDTA tubes (e.g. purple or lavender tops)
 - vi. Glycolytic inhibitor (e.g. gray top)
 - vii. Any other tubes
- i. Reassure the patient that although the venipuncture may be slightly painful, it will not last long. Position the patient with the elbow extended and the arm supported. Have the patient make a fist, but avoid vigorous hand exercise (pumping).
- j. Apply the tourniquet about 3-4 inches above the venipuncture site. Do not stop the blood flow for more than one minute before the blood is drawn. If necessary, release and reapply the tourniquet.
- k. Select the venipuncture site by palpating for a vein. The median antecubital and cephalic veins are most commonly used. If either one of these veins is unable to be successfully punctured, the third choice is the basilic vein. The basilic vein should only be used as a last resort and you should be cautious when puncturing this area, as excessive probing to this area is extremely dangerous. Because of its close proximity to the brachial artery and the median antebrachial cutaneous nerve, punctures to the basilic vein are most risky to the patient. If the antebrachial cutaneous nerve is punctured or even nicked, damage can occur and potentially leave the patient permanently disabled. If the patient complains of extreme pain from the puncture, the needle must immediately be removed to avoid additional injury. **Avoid the following areas:**
 - i. Scarred areas such as healed burns
 - ii. Thrombosed veins
 - iii. Bruised areas
 - iv. The arm on the side of a prior mastectomy
 - v. The arm that has the A-V shunt on a dialysis patient

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- vi. Legs and feet unless ordered by a physician
- vii. A recent IV site or on the same side of the body as the IV site

NOTE: *When there is no other option but to draw from the IV side, the following is to occur:*

1. Below the IV site is preferred and may be drawn as follows:
 - a. Have the nursing staff turn off the IV for no less than 2 minutes before attempting the venipuncture.
 - b. Apply the tourniquet below the IV site. A vein other than the one with the IV should be used.
 - c. After performing the venipuncture, withdraw 5 ml of blood. *Discard*. Then draw the blood sample that is required.
 2. Above the IV site is least preferred and should occur as a last resort.
 - a. Have the nursing staff turn off the IV for no less than 10 minutes before attempting the venipuncture.
 - b. Apply the tourniquet above the IV site. A vein other than the one with the IV should be used.
 - c. After performing the venipuncture, withdraw 5 ml of blood. *Discard*. Then draw the blood sample that is required.
- l. If superficial veins are not readily apparent, you can force blood into the vein by massaging the arm from wrist to elbow. Tapping sharply at the vein site with index and second finger a few times will cause the vein to dilate. Applying a warm, damp washcloth to the proposed site for 5 minutes may have the same result. Lowering the extremity over the side of the bed or chair will allow the veins to fill to capacity.
- m. Cleanse the site with an alcohol pad beginning at the puncture site selected and moving outward in concentric circles. A “once over” swipe is not sufficient.

NOTE: If you are drawing for alcohol levels, you must also follow with a cleansing of soap and water after the alcohol pad cleansing to rid the area of any residual alcohol. This will prevent the possibility of any interference with the alcohol test results.

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- n. Allow the area to dry in order to prevent hemolysis of the specimen and to prevent the patient from having a burning sensation when the venipuncture is performed.
- o. If the site is touched prior to venipuncture, step 2.13 must be repeated.
- p. Wearing gloves, gently grasp the patient's arm firmly using your thumb to draw the skin taut. This anchors the vein. Your thumb should be 1 or 2 inches below the venipuncture site. Anchoring above the vein is discouraged as this could result in an accidental needle stick to yourself.
- q. With the bevel up, line up needle with the vein. Penetrate the skin and enter the vein at an angle of approximately 15-30 degrees. Grasp the flange of the needle holder and push the tube forward until the needle punctures the stopper. Maintain the tube below the site when needle is in the vein.

NOTE: Tubes must be filled completely when at all possible. Short draw tubes do not work on the hospital's analyzers. This causes the lab techs to pour samples into cups and manually program test the sample which introduces a huge risk for error.

- r. Remove the tourniquet as soon as blood flow is established. Once the draw has started, do not change the position of the tube until it is withdrawn from the needle. During the procedure, do not allow the contents of the tube to contact the stopper. Movement of the fluid back and forth in the tube can cause backflow of blood into the venous system and possible adverse patient reaction.
- s. Keep constant, slight forward pressure (in the direction of the needle) on the end of the tube.
- t. When the blood flow ceases, remove the tube from the holder.
- u. Mix immediately after drawing each tube that contains an additive by gently inverting the tube 5-10 times.
- v. To avoid hemolysis, do not mix vigorously. *It is also suggested that the use of 25 gauge needles should be discouraged whenever possible.* This size contributes significantly to RBC rupture.

NOTE: Hemolysis can occur during the any of the following issues;

- i. Excessive probing
- ii. Vigorous mixing of the specimen after collection
- iii. Using too small of a needle
- iv. RBC fragility

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- v. Wrong blood:anticoagulant ratio. i.e., under filled tubes
 - vi. Improper needle placement
 - vii. Excessive plunger pressure on syringe draws
 - viii. Allowing the blood to clot in the syringe, and then forcing it into the collection tube.
- w. To obtain additional specimens, insert next tube into holder and repeat procedure from step 2.18.
- x. If a blood sample cannot be obtained, change the position of the needle. If the needle has penetrated too far into the vein, pull it back a bit. If it has not penetrated far enough, move it further into the vein, but do not probe with the needle. You may need to try another tube.
- y. Gently remove the needle from the venipuncture site. Apply gauze to the site, while keeping the arm extended. Keep pressure on the site for at least 2 minutes. Ensure that bleeding has stopped and apply a bandage over the site. Instruct the patient to wear the bandage for at least 15 minutes.

NOTE: *Coflex* is **not** to be used on inpatients!

- z. Dispose of the needle(s) in a sharps container. Remove gloves and wash hands.
- aa. Label Vacutainer tubes with the appropriate computer generated label along with the phlebotomist's initials and time. If a preprinted label is unavailable, the following information must be hand written on each tube:
- i. Patient's last name and first name
 - ii. Patient's date of birth and/or medical record number
 - iii. Date and time of collection (military time)
 - iv. Phlebotomist's tech ID
- bb. For outpatients, the phlebotomist's initials, date and time of collection are also noted on the physician's order.
- cc. **NOTES:**
- i. NO harm should come to the patient.
 - ii. Stay within the limits of your skill.

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- iii. If assistance is necessary, request help from the nursing station or a coworker.
- iv. Leave the patient's room in the condition you found it (i.e. crib side up or bed side up).
- v. You are allowed two (2) unsuccessful attempts from the arm or hand.
- vi. As you are not aware of specific patient orders, do not give a patient anything, do not move a patient or crank a bed up or down.
- vii. Do not place your basket on the bed; rather place it on a chair or nightstand.
- viii. After performing the phlebotomy, keep the patient's arm extended and exert pressure on the venipuncture site until a solid clot has formed. Ambulatory patient may be able to hold the venipuncture site. Be sure bleeding has stopped before leaving the patient.

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URINE COLLECTION GUIDELINES

1. Principle

- 1.1.1. Important tests will be done with your specimen, and you can help insure the accuracy of these tests by following these instructions.

2. Procedure

- 2.1. **First Morning Specimen**: Collected immediately upon arising from a night's sleep. This specimen is usually preferred for the urinalysis as it is the most concentrated.
- 2.2. **Random Urine Specimen**: May be collected at unspecified times throughout the 23 hour period.
- 2.3. **Amount Required**: A total volume of at least 15 mL is required for urinalysis, (25 mL – 50 mL is preferred).
- 2.4. **Collection**: The phlebotomist or receptionist is to instruct the patient on the proper collection for the tests ordered. Written directions are available for the patient.
 - 2.4.1. **Routine Urinalysis** – Voided urine specimens should be collected in non-sterile screw-capped containers. The method of collection should be by mid-stream (the first few mL are discarded before voiding into the container).
 - 2.4.2. **Clean Catch Urine/Culture** – Refer to “Instructions for Midstream (Clean Catch) Urine Collection”.
 - 2.4.3. **24-Hour Urine** – Prior to collection, please call the CDH Chemistry Lab at 582-2163 for urine preservative requirements. Refer to “How to Provide a 24-Hour Urine Specimen” for patient collection instructions.
 - 2.4.4. **Urine for Cytology** – Specimen should be collected in a clean plastic container. Random urine specimens are preferred. Refrigerate until specimen can be delivered to CDH.
 - 2.4.5. **Chain of Custody Urine Drug Screens** – The laboratory is not involved in the collection of these specimens.
- 2.5. **Specimen Handling**: The specimen should be transported to the laboratory as soon as possible. If the specimen cannot be transported to the laboratory with 1 hour of collection, it should be refrigerated until transportation. Refrigerated specimens 24 hours or older (with the exception of a 24-hour urine collection) are not acceptable for testing. Do not add any preservative to a urine specimen for routine urinalysis or culture.
- 2.6. **Instructions for Midstream (Clean Catch) Urine Collection**
 - 2.6.1. Wash hands thoroughly.
 - 2.6.2. Use three (3) packages of Towelettes.
 - 2.6.3. Remove one (1) Towelette and wash genital area using downward strokes – discard used Towelette.

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- 2.6.4. Repeat Step 2.6.3 twice.
- 2.6.5. Open specimen container. **DO NOT TOUCH INSIDE OF CUP or LID.**
- 2.6.6. Start to urinate into the toilet. **STOP.**
- 2.6.7. Position container and urinate into the cup. **STOP.**
- 2.6.8. Remove container and finish urinating into the toilet.
- 2.6.9. Screw cap on threaded container, being careful not to touch the inside of the lid.
- 2.6.10. Wash hands.
- 2.6.11. Label container (NOT LID) with patient's name, date of birth, date and time of collection.**
- 2.6.12. Send specimen to laboratory with proper form (lab slip) completed.**

2.7. How to Provide a 24-Hour Urine Collection

- 2.7.1. Avoid alcoholic beverages, vitamins, and other medication (if possible) for at least 24 hours before you start collecting the specimen and during the collection period. Check with your physician prior to discontinuing any medications.
- 2.7.2. Do not exceed your normal intake of liquids during the day before and the day of collection unless your physician gives you specific directions to do otherwise.
- 2.7.3. The 24-hour collection period begins when you get up in the morning and empty your bladder. **DO NOT COLLECT THIS URINE!** But do record the date and time of this voiding on the specimen container label.
- 2.7.4. Be sure to collect ALL urine (Day and Night) for the next 24 hours.
- 2.7.5. Make your final collection when you empty your bladder the next morning, approximately 24 hours from the time marked on your specimen container.
- 2.7.6. Keep specimen refrigerated.**
- 2.7.7. LABEL THE CONTAINER WITH PATIENT'S NAME, DATE OF BIRTH, DATE AND TIME OF COLLECTION.**
- 2.7.8. Return the specimen as soon as possible to the nearest Cooley Dickinson Hospital Lab location.

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ALPHABETICAL LISTING OF CLINICAL LABORATORY TESTS AVAILABLE STAT

THE FOLLOWING LIST OF TESTS ARE THOSE AVAILABLE STAT, 24 HOURS A DAY, 7 DAYS A WEEK. EXPECTED TURNAROUND TIME IS 60 MINUTES FROM TIME OF ORDER TO TIME OF RESULT, UNLESS OTHERWISE NOTED.

Test	Test
Acetaminophen	Hemoglobin
Acetone	Iron
Albumin	Lactic Acid
Alkaline Phos, Serum or Body Fluid	LDH, Serum or Body Fluid
Ammonia	Lipase
Amylase, Serum or Body Fluid	Lithium
APTT	Liver Panel
Bilirubin, Direct & Total	Magnesium, Serum
Basic Metabolic Panel (BMP)	Mono Test
BNP (Brain Natriuretic Peptide)	MRSA Rapid Test***
Body Fluid Cell Count and Diff	Osmolality, Serum or Urine
BUN, Serum	Phenobarbital
Calcium, Serum	Phosphorus, Serum
Carbamazepine(Tegretol)	Prealbumin
CBC no Diff (Hemagram)	Pregnancy, Serum or Urine
CBC (Hemagram w/Diff)	Protein, Total, Serum or CSF
CK	Prothrombin time/INR
CK-MB	RSV
C-Reactive Protein (CRP)	Salicylate
Creatinine, Serum	SGOT(AST), Serum or Body Fluid
Cryptococcal antigens	SGPT(ALT), Serum or Body Fluid
CSF Cell Count and Diff	Theophylline
D Dimer	Tobramycin, Peak & Trough**
Depakene(Depakote)	Troponin T (TNT)
Digoxin	Uric Acid, Serum
Dilantin(Phenytoin)	Urinalysis
Electrolytes	Urine Drug Screen
ESR *	Vancomycin, Peak &/or Trough
Ethyl Alcohol, Serum or Urine	Wet Prep
FDP	Blood Bank Test/Product

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Fibrinogen	Type
Gentamicin, Peak &/or Trough	Cross Match
GGT, Serum or Body Fluid	Screen
Glucose, Serum, Body Fluid or CSF	DAT (Coombs)
Gram stain	Cryoprecipitate
Group B strep (Rapid)	FFP
HCG Quantitative	Platelets
	RhIG (Rhogam)
RETIC	Drawn STAT only
FETAL HGB	Drawn STAT only
BONE MARROW	Appointment only
* ESR takes 70 minutes minimum to perform/results will not be STAT <i>list revised Aug 19,2009 C. Reed</i>	
** Tobramycin trough and peak are referred to Holyoke Medical Center. Turnaround time is approximately 3 hours.	
*** MRSA Rapid Testing takes 90 minutes from time of receipt until time of result.	

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ALPHABETICAL LISTING OF CLINICAL LABORATORY TESTS

NOTE: This index lists testing done ON SITE at CDH. We offer extensive reference testing handled through the Chemistry Department. Please call the Referral Lab at 582-2171.

To access specimen collection information, scroll down the directory to locate the test/profile desired, and use the mouse to click on test name. This will bring the user directly to the required test information.

Any questions regarding this test list should be directed to the Cooley Dickinson Hospital Laboratory at 582-2161.

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ABO/RH

SYNONYMS: Blood Type, ABO, and Rh

TEST INCLUDES: Determination of ABO group and Rh Type

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 1 HR or 24 hrs

LABORATORY: Blood Bank

SPECIMEN TYPE: Whole Blood

VOLUME: 7ml

MINIMUM VOL: 5ml

CONTAINER: Pink

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 weeks refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Improper labeling

ABO/RH: SEE ALSO TYPE AND SCREEN

ABS: SEE ANTIBODY SCREEN

ACETAMINOPHEN

SYNONYMS: Tylenol

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs.

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Specimen collected in SST Tube

ACETONE

SYNONYMS: Acetone

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum, plasma

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: RED TOP, SST, Green

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

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ACID FAST CULTURE

SPECIMEN TYPE: Sputum (most common), other body sites/fluids

CONTAINER: AFB Collector for sputum, sterile cup, sterile tube or transport swab

IDEAL TRANSPORT TO PROCESSING: 2 Hrs @RT. Or 24 Hrs @ 4°C

TURNAROUND TIME: 8 Weeks unless positive

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING

ACTIVATED PARTIAL THROMBOPLASTIN TIME: SEE PARTIAL THROMBOPLASTIN TIME

ALANINE AMINOTRANSFERASE: SEE SGPT

ALANINE TRANSFERASE: SEE SGPT

ALBUMIN

SYNONYMS: Albumin

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

ALBUMIN PROFILE: SEE TOTAL PROTEIN PANEL

ALCOHOL: SEE ETHYL ALCOHOL

ALKALINE PHOSPHATASE

SYNONYMS: Alk Phos

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 5 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

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ALKALINE PHOSPHATASE, BODY FLUID

SYNONYMS: Alk Phos

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 5 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

ALT: ALANINE AMINOTRANSFERASE: SEE SGPT

ALP: SEE ALKALINE PHOSPHATASE

AMMONIA

SYNONYMS: Ammonia

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml

CONTAINER: Lavender Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 1 Hour spun separated and placed on ice

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

SPECIAL NEEDS: Tube must be pre-chilled and kept on ice after draw. Due to specimen stability, this test should only be collected at CDH.

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

AMYLASE BODY FLUID

SYNONYMS: body fluid amylase

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: any body fluid

VOLUME: 1 ml

CONTAINER: REDTOP TUBE or clean screw capped container

SPECIMEN STABILITY: 7 days refrigerated, 2 day room temperature

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 1 ml

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AMYLASE, SERUM

SYNONYMS: Amylase

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated, 2 day room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

AMYLASE, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Amylase

AVAILABILITY: 7:00 A.M. - 11:00P.M. 7 days

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 10 ml

MINIMUM VOL: 1 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 7 days refrigerated, 2 day room temperature

CAUSES FOR REJECTION: IMPROPER LABELING

ANA SCREEN (TITERS WILL BE REFLEXED)

SYNONYMS: Antinuclear Antibody, FANA, ana screen

AVAILABILITY: 07:00-15:00 M-W-F

TURNAROUND TIME: 2-4 days

LABORATORY: SEROLOGY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: 5ml

CONTAINER: SST, Red Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 48 Hours Refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

ANAEROBIC CULTURE

SPECIMEN TYPE: Swab

CONTAINER: Tissue, Aspirate, Anaerobic Transport Swab

IDEAL TRANSPORT TO PROCESSING: ASAP to Microbiology Lab

TURNAROUND TIME: 48 hours unless positive

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: include a second aerobic Transport Swab

CAUSES FOR REJECTION: IMPROPER LABELING, Specimen NOT protected from atmospheric oxygen

ANATOMIC PATHOLOGY: SEE ROUTINE SURGICAL PATHOLOGY

ANTIBODY IDENTIFICATION: SEE TYPE AND SCREEN OR ANTIBODY SCREEN

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ANTIBODY ID PANEL: SEE ANTIBODY SCREEN

ANTIBODY SCREEN

SYNONYMS: Antibody Screen, Indirect Coombs, and ABS
TEST INCLUDES: Testing of serum for RBC allo/auto antibodies
AVAILABILITY: 24/7 or STAT
TURNAROUND TIME: 1 hr, 24 Hrs or longer if complicated
SPECIMEN TYPE: Whole Blood
VOLUME: 7 ml
CONTAINER: Pink
COLLECTION: Venipuncture
SPECIMEN STABILITY: 1 week refrigerated
CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: Blood Bank
MINIMUM VOL: 5 ml

ANTIBODY TITER

TESTS INCLUDES: RBC antibody identification with titer
AVAILABILITY: 8am to 4 pm
TURNAROUND TIME: 24 hrs min
SPECIMEN TYPE: Whole Blood
VOLUME: 7 ml
CONTAINER: Pink
COLLECTION: Venipuncture
SPECIMEN STABILITY: one week
CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: Blood Bank
MINIMUM VOL: 5 mls

ANTIBODY TO HEPATITIS B CORE ANTIGEN: SEE HEPATITIS B CORE ANTIBODY

ANTIBODY TO HEPATITIS B SURFACE ANTIGEN: SEE HEPATITIS B SURFACE ANTIBODY

ANTI-HBC: SEE HEPATITIS B CORE ANTIBODY

ANTI-HBSAG: SEE HEPATITIS B SURFACE ANTIGEN

ANTI-HCV: SEE HEPATITIS C ANTIBODY

ANTI-HIV: SEE HIV

ANTI-HUMAN GLOBULIN: SEE DIRECT ANTIGLOBULIN TEST

ANTINUCLEAR ANTIBODY: SEE ANA

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ARTHRITIS PANEL

SYNONYMS:

TEST INCLUDES: Uric Acid, Sed Rate, ANA, RA

AVAILABILITY: See Individual tests

SPECIMEN TYPE: Serum and Whole Blood
(continued)

CONTAINER: 1 SST AND 1 LAVENDER

VOLUME: 5 ML OF EACH

LABORATORY: CHEMISTRY/HEMO/SEROLOGY

COLLECTION: Venipuncture

STABILITY: See individual tests

TURNAROUND TIME: See individual tests.

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING

ASO SCREEN

SYNONYMS: ASO Titer, Streptolysin O Antibodies, antistrep antibodies

AVAILABILITY: 07:00-15:00 M-F

SPECIMEN TYPE: Serum

LABORATORY: SEROLOGY

VOLUME: 5 ml

MINIMUM VOL: 1 ml

CONTAINER: SST, Red Top

COLLECTION: Venipuncture, Capillary

SPECIMEN STABILITY: 48 Hours Refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

SPECIAL NEEDS: If ASO screen is pos, reflex to ASO Titer automatically done.

ASPARTATE AMINOTRANSFERASE (AST): SEE SGOT

ASPIRIN: SEE SALICYLATE

AST: SEE SGOT

B12

SYNONYMS: Vitamin B12

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

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BASIC METABOLIC PANEL

SYNONYMS: BMP, A7, CHEM 7

TEST INCLUDES: GLU, BUN, CREAT, NA, K, CL, CO2, CA

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum, Whole Blood

VOLUME: 5 ml

CONTAINER: SST, Red Top, Green Top

COLLECTION: Venipuncture, 1 Full Capillary

SPECIMEN STABILITY: see individual tests

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

BICARBONATE BLOOD: SEE CO2

BILIRUBIN, DIRECT

SYNONYMS: Direct Bili

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, neonates stable 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

BILIRUBIN, TOTAL

SYNONYMS: Total Bili

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP, amber microtainer

COLLECTION: Venipuncture or 1 Full Capillary

SPECIMEN STABILITY: 3 days refrigerated, neonates stable 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

150 ul blood

BIOPSY: SEE ROUTINE SURGICAL PATHOLOGY

BLOOD ACETONE: SEE ACETONE

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BLOOD ALCOHOL: SEE ALCOHOL

BLOOD AMMONIA: SEE AMMONIA

BLOOD BANK HOLD

SYNONYMS: hold tube for possible blood bank tests

TEST INCLUDES: Blood Bank ID band affixed to patient, blood specimen drawn and held pending orders

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: none

LABORATORY: Blood Bank

SPECIMEN TYPE: Whole Blood

VOLUME: 7 ml

MINIMUM VOL: 5 ml

CONTAINER: Pink

COLLECTION: Venipuncture

SPECIMEN STABILITY: one week

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, no patient band

BLOOD CULTURES

SPECIMEN TYPE: Blood

CONTAINER: Blood Culture Bottles

VOLUME: Up to 10 ml blood for adults, up to 4mls for pediatric

IDEAL TRANSPORT TO PROCESSING: 2 Hrs @RT.

TURNAROUND TIME: 5 Days

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Note special procedure to prep site of venipuncture.

CAUSES FOR REJECTION: IMPROPER LABELING

BLOOD ETHANOL: SEE ETHYL ALCOHOL

BLOOD SMEAR FOR MALARIAL PARASITES: SEE MALARIALPREP

BLOOD TYPE: SEE ABO/RH OR TYPE AND SCREEN

BLOOD UREA NITROGEN: SEE BUN

BMP: SEE BASIC METABOLIC PANEL

BNP

SYNONYMS: pro-BNP, Brain Natriuretic Peptide

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 2 hours

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Plasma

CONTAINER: Green PST

MINIMUM VOL: ½ ml

COLLECTION: By Physician

SPECIMEN STABILITY: 3 days refrigerated

CAUSE FOR REJECTION: IMPROPER LABELING, hemolysis

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BODY FLUID AMYLASE: SEE AMYLASE BF

BODY FLUID COUNT

SYNONYMS: Cell Count

TEST INCLUDES: WBC, RBC, and Differential

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: Cell Count - ASAP, Same Day.

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Body Fluid

VOLUME: 5 ml

MINIMUM VOL: ½ ml

CONTAINER: Lavender, Green (with no gel)

COLLECTION: By Physician

SPECIMEN STABILITY: hematology testing done on fresh specimen.

CAUSE FOR REJECTION: gross clotting

SPECIAL NEEDS: bring to lab stat. Identify source of specimen

BODY FLUIDS FOR CYTOLOGY

SYNONYMS: Body fluids for cytology

TEST INCLUDES: Preparation of direct smears, cell Block, and Thin Prep

SPECIMEN TYPE: Joint fluid, Spinal, Pleural, Peritoneal, Pericardial, and Other Fluids

CONTAINER: Clean Screw capped container

LABORATORY: CYTOLOGY

STABILITY: Refrigerate after collection, delivery same day

TURNAROUND TIME: 24° M-F

CAUSES FOR REJECTION: IMPROPER LABELING

SPECIAL NEEDS: add equal amount of CytoLyt to specimen if specimen held over night or weekend

BODY FLUID, TOTAL PROTEIN: SEE PROTEIN, BODY FLUID

BRONCHIAL BRUSHING FOR CYTOLOGY

SYNONYMS: Bronchial brushing

TEST INCLUDES: Screening for neoplasm, infection and inflammation.

SPECIMEN TYPE: direct smears prepared during the procedure, fixed immediately with spray fixative. Brush tip submitted in CytoLyte. ThinPrep slide and cell block can be made from tip if cellularity allows

CONTAINER: CytoLyte preservative fluid and cardboard mailers for prepared slides.

LABORATORY: CYTOLOGY

STABILITY: Room temperature after collection, delivery same day

TURNAROUND TIME: 24° M-F

CAUSES FOR REJECTION: IMPROPER LABELING

SPECIAL NEEDS: Prepared slides need to be spray fixed immediately, to avoid air drying.

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BRONCHIAL WASHING FOR CYTOLOGY

SYNONYMS: Bronchial wash, lavage, bronchial alveolar lavage

TEST INCLUDES: Screening for neoplasm, infection and inflammation.

SPECIMEN TYPE: fresh aspirated specimen for same day processing otherwise add equal amounts of CytoLyte to specimen and refrigerate.

CONTAINER: Aspiration tube or any clean screw top container

LABORATORY: CYTOLOGY

STABILITY: Room temperature after collection, delivery same day. Add CytoLyte and refrigerate if delivery is delayed.

TURNAROUND TIME: 24° M-F

CAUSES FOR REJECTION: IMPROPER LABELING

BUN

SYNONYMS: Blood Urea Nitrogen

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: RED TOP, SST, Green

COLLECTION: Venipuncture or 1 Full Capillary

SPECIMEN STABILITY: 3 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

SPECIAL NEEDS: See Urea Nitrogen for Urine

CALCIUM

SYNONYMS: serum calcium, total calcium

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

SPECIAL NEEDS: See Urine Calcium

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CALCIUM, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Ca

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 7 days refrigerated

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

CARBAMAZAPINE (TEGRETOL)

SYNONYMS: Teg, Carbamazepine

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated for SST, 7 days refrigerated for plain red top

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

CARBON DIOXIDE: BLOOD: SEE CO2

CARBON MONOXIDE

SYNONYMS: Carboxyhemoglobin

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 90 minutes

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml

CONTAINER: Green top, Sodium Heparin

COLLECTION: Venipuncture only

SPECIMEN STABILITY: 1 hour @ RT; Container can not be opened prior to analysis

CAUSES FOR REJECTION: IMPROPER LABELING, Clotted, Container opened prior to analysis, Specimen > 1 hr. old

SPECIAL NEEDS: Tube can not be opened prior to testing. Specimen must be collected at CDH and delivered to Respiratory Therapy within 1 hour of collection.

LABORATORY: RESPIRATORY THERAPY

CARE PANEL: SEE LIPID PANEL

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CBC WITHOUT DIFFERENTIAL

SYNONYMS: C10, Hemogram

TEST INCLUDES: WBC, RBC, Hgb, Hct, PLT, and Indices

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs.

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 4 ml

MINIMUM VOL: ½ of 4 ml

or ½ 2.5 ml vacutainer

CONTAINER: Lavender

COLLECTION: Venipuncture or 1 Properly Filled microtainer

SPECIMEN STABILITY: 24 Hrs @ RT or 48 Hrs 2-8°C

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, And Short Draw.

SPECIAL NEEDS: Tubes must be ½ filled.

CBC WITH DIFFERENTIAL

SYNONYMS: Complete Blood Count, CBC

TEST INCLUDES: CBC and Diff

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hours

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 4 ml

MINIMUMVOL: ½ of 4ml or ½ 2.5 ml vacutainer

CONTAINER: Lavender

COLLECTION: Venipuncture, 1 properly filled microtainer

SPECIMEN STABILITY: 24 hours @ RT or 48hours 2-8°C

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, Incorrectly Filled Tube

SPECIAL NEEDS: Tubes must be at least ½ filled, and mixed properly.

CELL COUNT, BODY FLUID: SEE BODY FLUID COUNT

CELL COUNT SPINAL FLUID: SEE SPINAL FLUID CELL COUNT

CEREBROSPINAL: SEE CSF FOR CULTURE

CEREBROSPINAL: SEE SPINAL FLUID FOR CELL CT

CEREBROSPINAL: SEE CHEMISTRY TEST IE. GLUCOSE CSF

CERVICAL SMEAR: SEE THIN PREP PAP SMEAR

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CERVICAL SMEAR: SEE CONVENTIONAL PAP SLIDE FOR CYTOLOGY

CHICKEN POX: SEE VARICELLA ZOSTER

CHLORIDE

SYNONYMS: Chloride

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum, Urine

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

SPECIAL NEEDS: See Urine chloride

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

CHLORIDE, 24 HOUR URINE

SYNONYMS: 24-Hour Urine CL

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

CHOLESTEROL

SYNONYMS: Cholesterol Total

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated or room temperature

SPECIAL NEEDS: Requires a 12 Hour Fast

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

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Clinical Laboratory Specimen Collection Guide

CHOLESTEROL, BODY FLUID

SYNONYMS: Body Fluid Cholesterol

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Body Fluid collected by Physician

VOLUME: 5 ml

CONTAINER: RED TOP, Green

COLLECTION: By Physician

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

CK

SYNONYMS: Creatine Kinase, CPK

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: Green PST, SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated, 24 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

CKMB

SYNONYMS: Cardiac Enzymes, MB

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Plasma

VOLUME: 5 ml

CONTAINER: Green PST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 8 Hours refrigerated, 4 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, serum specimen

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

CLEAN CATCH, URINE CULTURE: SEE URINE CULTURE

CLOSTRIDIUM DIFFICILE SCREEN

SYNONYMS: C. Diff Toxin A and B

AVAILABILITY: Set up in AM daily or STAT

TURNAROUND TIME: 24 Hrs

SPECIMEN TYPE: Stool

CONTAINER: Sterile screw cap

SPECIMEN STABILITY: Store refrigerated. Deliver to the lab ASAP

CAUSEFOR REJECTION: IMPROPER LABELING, Diapers not acceptable.

LABORATORY: MICROBIOLOGY

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CO2

SYNONYMS: Carbon Dioxide, Bicarbonate

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: RED TOP, SST, Green

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated in a tightly stopper container

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

COMPREHENSIVE METABOLIC PANEL

SYNONYMS: Chem Panel

TEST INCLUDES: GU, BUN, CRT Na, K, Cl, CO2, Ca, Albu, ALP, TP, SGOT, SGPT, and TBIL

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

CONVENTIONAL PAP SLIDE FOR CYTOLOGY

SYNONYMS: Cervical smear, PAP

TEST INCLUDES: Screen for neoplasm, infections, or abnormal hormone levels (maturation index)

SPECIMEN TYPE: Endocervical, ectocervical or vaginal specimens.

CONTAINER: Glass slides

LABORATORY: CYTOLOGY

STABILITY: Fix immediately with cytology spray. Store at room temperature.

TURNAROUND TIME: STAT or <14 days

REJECTION: Improper labeling will be returned to source.

SPECIAL NEEDS: Pertinent information such as age, LMP. Adequate specimen.

COOMBS, DIRECT: see DIRECT ANTIGLOBULIN TEST

COOMBS INDIRECT: SEE ANTIBODY SCREEN

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CORD BLOOD

SYNONYMS: Cord Blood, Cord

TEST INCLUDES: ABO group; RH type; Direct antglobulin test; ID of RBC antibodies, if applicable

AVAILABILITY: 0800-1600 daily

TURNAROUND TIME: 24 Hrs

LABORATORY: Blood Bank

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml

MINIMUM VOL: 5 ml

CONTAINER: Lavender

COLLECTION: Cord Blood

SPECIMEN STABILITY: 1 week refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

CORTISOL

SYNONYMS: Cortisol

AVAILABILITY: Daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum or lithium heparin plasma

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, or PST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 5 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

CPK: SEE CK

CPK-MB: SEE CK-MB

C-REACTIVE PROTEIN

SYNONYMS: C-reactive protein, CRP

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture or 1 Full Capillary

SPECIMEN STABILITY: 3 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

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Clinical Laboratory Specimen Collection Guide

CREATININE

SYNONYMS: Creat, Creatinine

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

CREATININE CLEARANCE

SYNONYMS: Creatinine Clearance, 24 Creat Clearances

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 24 hour collection

CONTAINER: Urine Jug

SPECIMEN STABILITY: 24 Hours refrigerated

SPECIAL NEEDS: Give Patient Instruction sheet. Keep specimen refrigerated during collection. Serum specimen must be collected w/in 48 hours of urine collection.

CAUSES FOR REJECTION: IMPROPER LABELING Not refrigerated.

LABORATORY: CHEMISTRY

MINIMUM VOL: 24 hr collection

CREATININE, URINE RANDOM

SYNONYMS: Urine Creat

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: Random Urine

CONTAINER: Urine Cup

SPECIMEN STABILITY: 4 Days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUMVOL: 1 ml

CREATININE, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Creat

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 4 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUMVOL: 1 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CROSSMATCH (#UNITS UP TO 4)

MNEUMONICS: example: type in XM2 = cross match 2 units

SYNONYMS: Set up blood

TEST INCLUDES: Crossmatch of requested number of units (type and screen previously done)

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 1 hr (24 hrs or longer if problematic)

SPECIMEN TYPE: Whole Blood

LABORATORY: Blood Bank

VOLUME: 7 ml

MINIMUMVOL: 5 ml

CONTAINER: Pink

COLLECTION: specimen already in lab

SPECIMEN STABILITY: depends on patient status, call Blood Bank

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Improper labeling, and no banding

SPECIAL NEEDS: A Type and Screen must be already done.

CRP: SEE C-REACTIVE PROTEIN

CRYPTOCOCCAL ANTIGENS

SYNONYMS: Cryptococcal Antigen

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: STAT

LABORATORY: SEROLOGY

SPECIMEN TYPE: CSF

VOLUME: 1 ml

MINIMUMVOL: 1/2 ml

CONTAINER: Plastic Conical Tube

COLLECTION: By Physician

SPECIMEN STABILITY: 7 Days

CAUSES FOR REJECTION: IMPROPER LABELING

CRYPTOSPORIDIUM AND CYCLOSPORA

TEST INCLUDES: Microscopic evaluation of stool specimen for CRYPTOSPORIDIUM, CYCLOSPORA,
And ISOSPORA using acid-fast stain.

AVAILABILITY: 0800 - 1600

TURNAROUND TIME: 72 Hrs. or longer if problematic.

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Stool

CONTAINER: Parapak (available from Microbiology)

SPECIMEN STABILITY: Stool should be placed in preservative within one hour of collection.

CAUSES FOR REJECTION: IMPROPER LABELING

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CSF (SPINAL FLUID CULTURE

SPECIMEN TYPE: Spinal Fluid

CONTAINER: Sterile Screw Capped tube

VOLUME: 1 ML

IDEAL TRANSPORT TO PROCESSING: STAT

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING

CSF: SEE ALSO SPINAL FLUID CELL COUNT & SPECIFIC CHEMISTRY IE GLUCOSE CSF

CSF: SEE ALSO CRYPTOCOCCAL ANTIGENS

CULTURE FOR MRSA: SEE MRSA SCREEN

CULTURE FOR MYCOBACTERIUM: SEE ACID FAST CULTURE

CULTURE FOR VRE: SEE VRE SCREEN

CYTOLOGY FOR SKIN LESIONS

SYNONYMS: Tzanck cell prep for herpes cytology

TEST INCLUDES: Microscopic exam of stained slide for infection, malignancy and inflammation

SPECIMEN TYPE: Direct scraping of lesion.

CONTAINER: Glass Slide, or PreservCyt

LABORATORY: CYTOLOGY

STABILITY: Fix immediately with cytology spray if using glass slide, store at room temp.

TURNAROUND TIME: 24° M-F

SPECIAL NEEDS: Please note specific site of lesion, note pre-diagnosis of herpes if suspected

DDIMER

SYNONYMS: elisa type ddimer assay. Used as an aid in diagnosis of deep vein thrombosis (DVT) and pulmonary emboli (PE).

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 2 hrs

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 4 ml

MINIMUM VOL: 90% filled

CONTAINER: Blue Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: spin within 1 hr of draw, stable 2 hrs at RT or 4 hrs refrigerated.

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, Incorrectly Filled, heparin contamination.

SPECIAL NEEDS: Bring to lab STAT.

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Clinical Laboratory Specimen Collection Guide

DEPAKENE (VALPROIC ACID)

SYNONYMS : Depakote, Valproic Acid

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

DEPAKOTE: SEE DEPAKENE

DIFFERENTIAL: SEE CBC

DIGOXIN

SYNONYMS: Dig, Digoxin, Lanoxin

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated SST, 7 days refrigerated plain red top, 8 hours room temperature for either tube

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

SPECIAL NEEDS: Draw between 6-8 Hours after dosage

DILANTIN (PHENYTOIN)

SYNONYMS: Dil, Phenytoin

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

DIPSTICK, URINALYSIS: SEE URINALYSIS

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Clinical Laboratory Specimen Collection Guide

DIRECT ANTIGLOBULIN TEST

SYNONYMS: Direct Coombs Test, Coombs

TEST INCLUDES: Testing of patient RBCs to detect in vivo sensitization with immunoglobulin, complement, or both

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 24 hours or longer if elution is required.

SPECIMEN TYPE: Whole Blood

LABORATORY :BLOOD BANK

VOLUME: 7 ml

MINIMUM VOL: 5 ml

CONTAINER: Pink

COLLECTION: Venipuncture

SPECIMEN STABILITY: 1 week refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Improper labeling

DIRECT COOMBS: SEE DIRECT ANTIGLOBULIN TEST

DIRECT BILIRUBIN: SEE BILIRUBIN (DIRECT)

E2: SEE ESTRADIOL

EAR CULTURE

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

VOLUME: 1 ML

IDEAL TRANSPORT TO PROCESSING: Less than 24 Hrs at RT.

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

ELECTROLYTES

SYNONYMS: Lytes

TEST INCLUDES: NA, K, CL, AND CO₂

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum, Plasma

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP, and Green

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

ENTEROBIUS VERMICULARIS: SEE PINWORM PREP

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Clinical Laboratory Specimen Collection Guide

ENTEROPATHOGENIC E.COLI

SYNONYMS: Enterohemorrhagic E. coli, Enterotoxigenic E. coli

TEST INCLUDES: Screen for pathogenic E. coli

SPECIMEN TYPE: Stool or Swab

CONTAINER: Clean Screw Capped Container or Transport Swab

IDEAL TRANSPORT TO PROCESSING: 2 Hrs @RT. Or 24 Hrs @ 4°C

TURNAROUND TIME: 72 Hrs.

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Grossly bloody stool specimen reflexively tested for pathogenic E. COLI

CAUSES FOR REJECTION: IMPROPER LABELING

EOSINOPHILSMEAR

SYNONYMS: Nasal Smear

AVAILABILITY: 07:00-15:00 (Mon- Fri)

TURNAROUND TIME: 24 hrs

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Smear

COLLECTION: Nasal Swab collected by Physician

CAUSES FOR REJECTION: IMPROPER LABELING, Improperly Labeled

ESR: SEE WESTEREGREN SEDIMENTATION RATE

ESTRADIOL

SYNONYMS: Estra, Estradiol, E2

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

ETHANOL: SEE ETHYL ALCOHOL

ETHYL ALCOHOL

SYNONYMS: Alcohol, ETOH

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 48 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

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Clinical Laboratory Specimen Collection Guide

ETHYL ALCOHOL, URINE

SYNONYMS: Urine Ethanol

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 10 ml

MINIMUM VOL: 1 ml

CONTAINER: Urine Cup

SPECIMEN STABILITY: 48 Hours

CAUSES FOR REJECTION: IMPROPER LABELING

EYE CULTURE

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

VOLUME: 1 ML

IDEAL TRANSPORT TO PROCESSING: Less than 24 Hrs at RT.

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING

FACTOR XA

SYNONYMS: Anti Factor Xa

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 hrs

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml

MINIMUMVOL: 90%filled

CONTAINER: Blue Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 Hrs spun and separated refrigerated. This specimen can only be collected onsite.

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, and Incorrectly Filled

SPECIAL NEEDS: Due to short specimen stability, this test can only be drawn onsite.

FDP: SEE FIBRINOGEN DEGRADATION PRODUCTS

FECAL FAT: SEE STOOL FAT

FECAL WBC SMEAR

TEST INCLUDES: Screen Slide for WBC

SPECIMEN TYPE: Stool or Swab

CONTAINER: Clean Screw Capped Container or Transport Swab

IDEAL TRANSPORT TO PROCESSING: 2 Hrs @RT. Or 24 Hrs @ 4°C

TURNAROUND TIME: 24hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: label specimen

CAUSES FOR REJECTION: IMPROPER LABELING

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

FERRITIN

SYNONYMS: Ferritin

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

FETAL-MATERNAL HEMORRHAGE TEST: SEE FETALHEMOGOLBIN (KLEIHAUER-BETKE)

FETAL FIBRONECTIN

SYNONYMS: Fetal Fibronectin

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 hours

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Vaginal Swab

VOLUME :swab submitted in collection device

MINIMUM VOL: ½ filled tube

CONTAINER: Fetal Fibronectin Collection Device

COLLECTION: Obtain the specimen using the Cytoc Specimen Collection Kit. The specimen should be obtained from the posterior fornix of the vagina during a speculum examination. The polyester-tipped applicator provided in the Specimen Collection Kit should be inserted into the vagina and lightly rotated across the posterior fornix for approximately 10 seconds to absorb the cervicovaginal secretions.

Once the specimen is obtained, carefully remove the applicator from the vagina and immerse the tip in the tube of buffer provided with the Specimen Collection Kit.

Break the shaft (at the score) even with the top of the tube. Align the shaft with the hole inside the tube cap and push down tightly over the shaft, sealing the tube.

Label the tube with the patient's name and date of birth required on the tube label.

SPECIMEN STABILITY: 8 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, improper specimen collection, specimen received not refrigerated or on ice.

FETAL HEMOGLOBIN

SYNONYMS: Fetaldex, Kleihauer-Betke

AVAILABILITY: 0700-1500 M-F

TURNAROUND TIME: Same Day

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 2.5m or 5 ml

MINIMUM VOL: ½ filled tube

CONTAINER: Lavender

COLLECTION: Venipuncture, 1 Properly Filled Capillary

SPECIMEN STABILITY: Hemo Staff should make Smears within 24 Hours.

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

FETAL SCREEN

SYNONYMS: Fetal Screen, Cord Blood Test

TEST INCLUDES: Qualitative screening test for presence of Rh-positive fetal cells in circulation of Rh-negative mother

AVAILABILITY: 0800-1600 daily

TURNAROUND TIME: 24 Hrs

LABORATORY: BLOOD BANK

SPECIMEN TYPE: Whole Blood

VOLUME: 7 ml

MINIMUM VOL: 5 ml

CONTAINER: Pink

COLLECTION: Venipuncture

SPECIMEN STABILITY: 1 week refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Improper labeling

FIBRINOGEN

SYNONYMS: Fibrinogen

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml

MINIMUM VOL: 90%filled

CONTAINER: Blue Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 Hrs. RT, 4 Hrs Refrigerated and separated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, and Incorrectly Filled

FIBRINOGEN DEGRADATION PRODUCTS

SYNONYMS: FDP

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 hrs

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Serum

VOLUME: 2.5 ml

MINIMUM VOL: ½ filled tube

CONTAINER: Black Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: up to 3 days at 2-8°C

SPECIAL NEEDS: Get tube from Hematology

CAUSES FOR REJECTION: IMPROPER LABELING

FINE NEEDLE ASPIRATE

SYNONYMS: Needle Biopsy

TEST INCLUDES: Screen for presence of neoplasm, infection, inflammation; cellblock made where possible.

SPECIMEN TYPE: Surgical technique, aspirated material or office made slides, (direct prep)

CONTAINER: PreservCyt or 95% ethanol for slides

LABORATORY: CYTOLOGY

STABILITY: Fix immediately with cytology spray, store at room temp.

TURNAROUND TIME: 24° M-F

SPECIAL NEEDS: Note body site

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Clinical Laboratory Specimen Collection Guide

FLU TEST

TEST INCLUDES: qualitative differential detection of influenza A and B viral antigens from nasal aspirates and NP swabs

SPECIMEN TYPE: nasal swab/ nasal washing

CONTAINER: NP swab in saline or screw capped container for aspirate

IDEAL TRANSPORT TO PROCESSING: refrigerate until transport, <8 hrs

TURNAROUND TIME: STAT or 700-1500 daily

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Calcium alginate swabs interfere with test and will be rejected.

CAUSES FOR REJECTION: IMPROPER LABELING

FLUID IN BC BOTTLE

TEST INCLUDES: Incubation of fluid injected into Blood Culture Bottle

SPECIMEN TYPE: Any Body Fluid

VOLUME: Up to 10 ml of fluid

CONTAINER: Blood Culture Bottles

IDEAL TRANSPORT TO PROCESSING: 2 Hrs @RT.

TURNAROUND TIME: 5 Days

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

FOLATE

SYNONYMS: Folate, Folic Acid

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

FOLIC ACID SERUM: SEE FOLATE

FOLLICLE STIMULATING HORMONE: SEE FSH

FREE THYROXINE

SYNONYMS: Free T4, FT4

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

FSH

SYNONYMS: Follicular Stimulating Hormone

AVAILABILITY: 0700 -2300 daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

FT4: SEE FREE T4

FUNGUS CULTURE

TEST INCLUDES:

SPECIMEN TYPE: Hair, Skin, Nails, Fluids, Sputum, etc

CONTAINER: Clean Screw Capped Container or Transport Swab

IDEAL TRANSPORT TO PROCESSING: Keep Refrigerated till delivery

TURNAROUND TIME: 21 days

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: More time may be required for identification. Smear included where appropriate.

CAUSES FOR REJECTION: IMPROPER LABELING

FUNGUS SMEAR

TEST INCLUDES: Gram Stain of Slide Material

SPECIMEN TYPE:

CONTAINER: Air Dried Smear or Transport Swab, all of which must be labeled

IDEAL TRANSPORT TO PROCESSING: ASAP

TURNAROUND TIME: 24 Hrs.

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: KOH Preps are mail outs

CAUSES FOR REJECTION: IMPROPER LABELING

GAMMA GLUTAMYL TRANSFERASE, BLOOD: SEE GTT

GASTRIC OCCULT BLOOD

SYNONYMS: Gastrocult

TEST INCLUDES: Test for presence of Blood in gastric contents

AVAILABILITY: 24/7

TURNAROUND TIME: STAT or 8 Hrs

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Nasogastric intubation or Vomitus

CONTAINER: Clean Screw Capped Container

SPECIMEN STABILITY: Deliver to lab immediately after collection

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CAUSES FOR REJECTION: IMPROPER LABELING

GC CULTURE

TEST INCLUDES:

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

IDEAL TRANSPORT TO PROCESSING: Only at Room Temp.

TURNAROUND TIME: 48 Hrs.

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: If specimen is not received within 6 hours of collection, organism viability may be
Lost. Protect from cold.

CAUSES FOR REJECTION: IMPROPER LABELING

GC SMEAR

TEST INCLUDES: Gram Stain of slide material

SPECIMEN TYPE: Body Fluid or Transport Swab or slide of culture material (air dried).

CONTAINER: Air dried slide, or Transport Swab, all of which must be labeled.

IDEAL TRANSPORT TO PROCESSING: ASAP

TURNAROUND TIME: 24 Hrs. or STAT

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING

GENTAMICIN

SYNONYMS: Gent, GentT, GentP, Garamycin

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

SPECIAL NEEDS: Trough: Draw before dose, 30 minutes or sooner

Peak: Draw 30 min after 30 min I.V. or immediately following a 60 min I.V.

CAUSES FOR REJECTION: IMPROPER LABELING

GGT

SYNONYMS: Gamma Glutamyl Transferase

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated or room temperature

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

GLUCOSE

SYNONYMS: Sugar, BS, FBS, Random Glucose

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature

SPECIAL NEEDS: See Glucose Tolerance Test, Glucose Spinal Fluid, Urine Glucose,

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

GLUCOSE POST PARANDIAL

SYNONYMS: blood sugar

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature

SPECIAL NEEDS: See Glucose Tolerance Test

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

GLUCOSE, BODY FLUID

SYNONYMS: Body Fluid Glucose

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Body Fluid collected by Physician

VOLUME: 5 ml

CONTAINER: RED TOP, Green Top, clean screw capped tube

COLLECTION: by Physician

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

GLUCOSE, SPINAL FLUID

SYNONYMS: Glucose Spinal Fluid

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Spinal Fluid

VOLUME: 1 ml

CONTAINER: Plastic Conical Tube for Spinal Fluids

COLLECTION: by Physician

SPECIMEN STABILITY: 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 1 ml

GLUCOSE TOLERANCE 1HR

SYNONYMS: 1-Hour Glucose Tolerance

TEST INCLUDES: Glucose at 1 Hr.

AVAILABILITY: 0700 Daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum, Whole Blood

VOLUME: 5 ml

CONTAINER: SST, RED TOP, And Green Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature

SPECIAL NEEDS: Glucose Drink required. Call CDH outpatient Dept. for information.

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

GLUCOSE TOLERANCE 2 HR

SYNONYMS: Glucose Tolerance

TEST INCLUDES: Glu F, Glu1, Glu2 as ordered

AVAILABILITY: M-SAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature

SPECIAL NEEDS: Glucose Drink required. Call CDH outpatient Dept. for information.

: Requires a 12-hour Fast for Glucose.

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

GLUCOSE TOLERANCE 3HR

SYNONYMS: 3-Hour Glucose Tolerance Test

TEST INCLUDES: GluF, Glu1, Glu2, Glu3

AVAILABILITY: M-Sat

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature

SPECIAL NEEDS: See Glucose Tolerance Test : Requires a 12-hour Fast for Glucose.

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

GLUCOSE TOLERANCE 5, 6 HR

SYNONYMS: 5-Hour Glucose Tolerance Test

TEST INCLUDES: GluF, Glu 30, Glu1, Glu2, Glu3, Glu4, Glu5, (Glu6)

AVAILABILITY: M-F

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature.

SPECIAL NEEDS: See Glucose Tolerance Test: Requires a 12-hour Fast for Glucose

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

GLUCOSE, RANDOM URINE

SYNONYMS: Urine Glu

AVAILABILITY: 7:00 A.M. - 11:00P.M. 7 days

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10 ml

CONTAINER: screw capped container

SPECIMEN STABILITY: 3 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUMVOL: 1 ml

GLUCOSE, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Glu

AVAILABILITY: 7:00 A.M. - 11:00P.M. 7 days

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 3 days refrigerated

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

CAUSES FOR REJECTION: IMPROPER LABELING

GLYCATED HEMOGLOBIN

SYNONYMS: Glycated Hemoglobin, Hemoglobin A1C

AVAILABILITY: Daily

TURNAROUND TIME: 8 hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: Lavender Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated or room temperature

CAUSES FOR REJECTION: IMPROPER LABELING

GRAM STAIN SMEAR

TEST INCLUDES: Gram Stain of slide material

SPECIMEN TYPE : any body site ,discharge etc

CONTAINER: Air dried slide or Transport Swab. Use a sterile container for sputum cultures etc.

IDEALTRANSPORT TO PROCESSING: ASAP

TURNAROUND TIME: 24 Hrs. or STAT

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS : no environmental sites

CAUSES FOR REJECTION: IMPROPER LABELING

GROUP A STREP: SEE STREP GR A

GROUP B STREP: SEE STREP GR B

GGT: SEE GLUCOSE TOLERANCE,1 HR,2HR ETC

HEMOGLOBIN A1C: SEE GLYCATED HEMOGLOBIN

HBSAB: SEE HEPATITS B ANTIBODY

HBSAG: SEE HEPATITIS B SURFACE ANTIGEN

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

HCG, QUANTITATIVE

SYNONYMS: Serum Preg, Quant

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 1 day refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

HCV: SEE HEPATITIS C VIRUS

HEMAGRAM (CBCND)

SYNONYMS: CBC no differential, C10, Hemogram

TEST INCLUDES: WBC, RBC, Hgb, Hct, PLT, and Indices

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs.

SPECIMEN TYPE: Whole Blood

VOLUME: 4 ml

CONTAINER: Lavender

COLLECTION: Venipuncture or 1 Properly Filled microtainer

SPECIMEN STABILITY: 24 Hrs @ RT or 48 Hrs 2-8°C

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, And Short Draw.

SPECIAL NEEDS: Tubes must be ½ filled.

LABORATORY: HEMATOLOGY

MINIMUMVOL: ½ of 4 ml

or ½ 2.5 ml

HEMOGLOBIN

SYNONYMS: Hemoglobin, Hgb

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 hrs

SPECIMEN TYPE: Whole Blood

VOLUME: 4 ml or 2.5 ml

CONTAINER: Lavender Top

COLLECTION: Venipuncture, or 1 Properly Filled Capillary

SPECIMEN STABILITY: 24 Hrs @ RT. Or 48 Hrs 2-8°C

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, and Incorrectly Filled

LABORATORY: HEMATOLOGY

MINIMUM VOL: ½ filled tube

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

HEPATITIS B ANTIBODY

SYNONYMS: Hep B Antibody

AVAILABILITY: Daily

TURNAROUND TIME: 8 hours

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 5 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

HEPATITIS B SURFACE ANTIGEN

SYNONYMS: HBsAG

AVAILABILITY: Daily

TURNAROUND TIME: 8 hours

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 20 hours refrigerated

CAUSES FOR REJECTION: Improper labeling, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

HEPATITIS C VIRUS

SYNONYMS: HCV

AVAILABILITY: MWF

TURNAROUND TIME: 24-72 Hrs

SPECIMEN TYPE: Serum

VOLUME: 10 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

HERPES CYTOLOGY: SEE TZANCK CELL PREPARATION

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

HDL

SYNONYMS: High Density Lipoprotein
TEST INCLUDES: HDL, Risk, and Cholesterol
AVAILABILITY: 24/7
TURNAROUND TIME: 8 Hrs
SPECIMEN TYPE: Serum
VOLUME: 5 ml
CONTAINER: RED TOP, SST
COLLECTION: Venipuncture
SPECIMEN STABILITY: 7 days refrigerated
CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

HIV 1/2

SYNONYMS: HIV
AVAILABILITY: MWF
TURNAROUND TIME: 24-96 Hrs
SPECIMEN TYPE: Serum
VOLUME: 10 ml
CONTAINER: RED TOP, SST
COLLECTION: Venipuncture
SPECIMEN STABILITY: 5 days refrigerated
CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis
SPECIAL NEEDS: Consent form required

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

HIV 1 RAPID ASSAY

SYNONYMS: HIV-1
AVAILABILITY: daily
TURNAROUND TIME: 2 hours
SPECIMEN TYPE: Serum
VOLUME: 5 ml
CONTAINER: RED TOP, SST
COLLECTION: Venipuncture
SPECIMEN STABILITY: 5 days refrigerated
CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis
SPECIAL NEEDS: Consent form required. This test is only available for CDH employee Occupational exposures, and women presenting to the Childbirth Center for delivery with no prenatal care on record.

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

HOLD TUBE FOR BLOOD BANK: SEE BLOOD BANK HOLD

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

HOLD BLUE TOP TUBE

SYNONYMS please draw extra blue top tube for possible add on coag testing

TEST INCLUDES: any testing meeting stability guidelines

AVAILABILITY: See Individual tests

SPECIMEN TYPE: one filled blue top tube

CONTAINER: 1 BLUE TOP TUBE

VOLUME: 5 ML

LABORATORY: HEMATOLOGY

COLLECTION: Venipuncture

STABILITY: See individual tests

TURNAROUND TIME: See individual tests.

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING, hemolysis

HOLD LAVENDER TOP TUBE

SYNONYMS: please draw hold lavender top tube for possible add on hemo testing

TEST INCLUDES: any test meeting stability guidelines

AVAILABILITY: See Individual tests

SPECIMEN TYPE: one lavender top tube

CONTAINER: 1 LAVENDER TUBE

VOLUME: 5 ML

LABORATORY: CHEMISTRY/HEMO/SEROLOGY

COLLECTION: Venipuncture

STABILITY: See individual tests

TURNAROUND TIME: See individual tests.

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING

HOLD RED TOP TUBE

SYNONYMS: please draw an extra red top tube for possible additional chemistry/serology testing

TEST INCLUDES: any testing meeting stability guidelines

AVAILABILITY: See Individual tests

SPECIMEN TYPE: Serum

CONTAINER: 1 RED TOP TUBE (allows add on drug testing)

VOLUME: 5 ML

LABORATORY: CHEMISTRY/SEROLOGY

COLLECTION: Venipuncture

STABILITY: See individual tests

TURNAROUND TIME: See individual tests.

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING, hemolysis

HUMAN CHORIONIC GONADOTROPIN (B SUBUNIT): SEE HCGQUANT

HUMAN IMMUNODEFICIENCY VIRUS ANTIBODY TYPES 1 AND 2:SEEHIV ½

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

INDIRECT ANTIGLOBULIN TEST: SEE ANTIBODY SCREEN

INDIRECT COOMBS: SEE ANTIBODY SCREEN

INFECTIOUS MONONUCLEOSIS SCREENING TEST: SEE MONOSPOT

INFLUENZA TESTING: SEE FLU

INR: SEE PT

IRON BINDING CAPACITY: SEE UIBC PROFILE

IRON

SYNONYMS: Fe, Iron

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated, 4 days room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

JOINT FLUID CELL COUNT: SEE BODY FLUID COUNT

JOINT FLUID CRYSTALS: SEE SYNOVIAL FLUID CRYSTALS

JOINT FLUID CULTURE: SEE, COMMENT MISCELLANEOUSCULTURE JOINT FLUID

JOINT FLUID TOTAL PROTEIN: SEE PROTEINBODY FLUID

K: SEE POTASSIUM

KLEIHAUER-BETKE: SEE FETAL HEMOGLOBIN

KOH: SEE FUNGUS SMEAR

LACTATE DEHYDROGENASE SERUM/BLOOD: SEE LDH

LACTATE DEHYDROGENASE, BODY FLUID: SEE LDH BODYFLUID

LACTATE, SERUM: SEE LACTIC ACID

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

LACTIC ACID

SYNONYMS: Lactic Acid

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Whole Blood

VOLUME: 7 ml

MINIMUM VOL: ½ of 7 ml

CONTAINER: Grey

COLLECTION: Venipuncture

SPECIAL NEEDS: Specimen must be drawn onsite and received in the lab within 20 min of draw, on ICE

CAUSES FOR REJECTION: IMPROPER LABELING

LACTOSE TOLERANCE

SYNONYMS: Lactose

TEST INCLUDES: LACF, LAC1, LAC2, LAC3

AVAILABILITY: 0700 Mon-Sat

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated, 8 hours room temperature

SPECIAL NEEDS: Fasting for at least 10Hours. See lactose tolerance procedure. Schedule appointment with the CDH
OPD Department. 582-2184

CAUSES FOR REJECTION: IMPROPER LABELING

LATEX AGGLUTINATION FOR BACTERIAL ANTIGENS: SEEBACTERIAL ANTIGENS

LDH

SYNONYMS: Lactate Dehydrogenase

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated or room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

LDH, BODY FLUID

SYNONYMS: Lactate Dehydrogenase

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Body Fluid

VOLUME: 5 ml

CONTAINER: RED TOP, Green Top

COLLECTION: By Physician

SPECIMEN STABILITY: 24 hours refrigerated or room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, QNS

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

LEGAG: SEE LEGIONELLA URINE ANTIGEN

LEGIONELLA URINE ANTIGEN

SYNONYMS: Legionella Antigen

AVAILABILITY: 0700-1500

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 1 ml

CONTAINER: Urine Cup

SPECIMEN STABILITY: 7 Days

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: SEROLOGY

MINIMUM VOL: ½ ml

LH

SYNONYMS: Lutenizing hormone

AVAILABILITY: 07:00A.M. ---11:00 P.M. Daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

LIPASE

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 4 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

LIPID PANEL

SYNONYMS: Lipid Panel, Cholesterol Panel

TEST INCLUDES: HDL, Trig, Chol, Risk, LDL

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

SPECIAL NEEDS: Requires a 12 hour Fast

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

LITHIUM

SYNONYMS: Lithium

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 5 ml

LIVER PROFILE

SYNONYMS: Liver Panel, Liver

TEST INCLUDES: ALP, TBIL, DBIL, IBIL, SGOT, SGPT, TP, ALB, AND GLOB

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

LUTENIZING HORMONE: SEE LH

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

LYME SCREEN

SYNONYMS: Lyme Test

SPECIMEN TYPE: Serum

CONTAINER: 10 ML SST or Red Top

LABORATORY: SEROLOGY

STABILITY: 2- 8 degrees for 5 days

TURNAROUND TIME: Test performed on Mon, and Thurs. THIS IS NOT A STAT PROCEDURE

Positive Screens will be reflexed to Western Blot

CAUSES FOR REJECTION: IMPROPER LABELING

LYTES: SEE ELECTROLYTES

MAGNESIUM

SYNONYMS: Mag, Magnesium

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

MAGNESIUM, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Magnesium

AVAILABILITY: 7:00 A.M. - 11:00P.M. 7 days

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 10 ml

MINIMUM VOL: 1 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

MAL: SEE MALARIA PREPARATION

MALARIA PREPARATION

SYNONYMS: Slides for malaria

TEST INCLUDES: Examination of blood slides for presence of blood parasites. Screen to rule out fulminating infection

AVAILABILITY: 0800-1600

TURNAROUND TIME: 24 Hrs or longer if problematic.

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Whole Blood

CONTAINER: 5 ml Lavender. Slides must be made within 2 hours of collection or by finger-stick at bedside.

COLLECTION: Venipuncture

SPECIAL NEEDS: Draw before anticipated fever spike.

CAUSES FOR REJECTION: IMPROPER LABELING

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

MANUAL DIFF/CBC: SEE CBC WITH DIFFERENTIAL

MICROALBUMIN

SYNONYMS:

TEST INCLUDES: Microalbumin, Urine Creatinine, Microalbumin/Urine Creatinine Ratio

AVAILABILITY: Daily

TURNAROUND TIME: 8 hours

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Random urine collection

MINIMUM VOL: 1 ml

CONTAINER: Urine Cup

COLLECTION: Voided specimen

CAUSES FOR REJECTION: IMPROPER LABELING

MISCELLANEOUS CULTURE

TEST INCLUDES: Culture of any body site, fluid, or tissue

SPECIMEN TYPE: Any body site or fluid or tissue

CONTAINER: Transport Swab, syringe, sterile container

IDEALTRANSPORT TO PROCESSING: 24 Hrs @RT

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: If GC Suspected, Transport culture at RT to lab within 6 Hrs. No environmental sources will be cultured.

CAUSES FOR REJECTION: IMPROPER LABELING

MONO SPOT

SYNONYMS: Mono Test, Heterophile Antibodies

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 24 Hrs

LABORATORY: SEROLOGY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUMVOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 Days

CAUSES FOR REJECTION: IMPROPER LABELING, Gross Hemolysis

MRSA NASAL SCREEN BY DNA

TEST INCLUDES: Screen for Methicillin Resistant Staph aureus

SPECIMEN TYPE: Copan® Brand Nasal Swab.

CONTAINER: Copan® Brand Transport Swab

IDEALTRANSPORT TO PROCESSING: 24 Hrs @RT.

TURNAROUND TIME: 90 minutes for STAT order

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Use only the approved collection device. No environmental surfaces

CAUSES FOR REJECTION: IMPROPERLY OR IMPROPER LABELING. IMPROPER COLLECTION DEVICE

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

MRSA SCREEN CULTURE

TEST INCLUDES: Screen for Methicillin Resistant Staph. aureus

SPECIMEN TYPE: Swab of any body site.

CONTAINER: Transport Swab

IDEAL TRANSPORT TO PROCESSING: 24 Hrs @RT.

TURNAROUND TIME: 48 hrs minimum

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: No environmental surfaces

CAUSES FOR REJECTION: IMPROPER LABELING

NASAL CULTURE

TEST INCLUDES: Culture of Nasal Passage.

SPECIMEN TYPE: Nasal Pharyngeal Swab

CONTAINER: Transport Swab

IDEAL TRANSPORT TO PROCESSING: 24 Hrs. @RT

TURNAROUND TIME: 48 Hrs.

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: transport media desired, dry swab will be rejected

CAUSES FOR REJECTION: IMPROPER LABELING

NO SPIN BLUE TOP TUBE

SYNONYMS please draw extra blue top tube with lavender top tube for accurate platelet count

TEST INCLUDES: platelet count

AVAILABILITY: as needed

SPECIMEN TYPE: one filled blue top tube

CONTAINER: 1 BLUE TOP TUBE

VOLUME: 5 ML

LABORATORY: HEMATOLOGY

COLLECTION: Venipuncture

STABILITY: 48 hrs

TURNAROUND TIME: stat or 8 hrs.

SPECIAL NEEDS previous history of inaccurate platelet count due to platelet clumping:

CAUSES FOR REJECTION: IMPROPER LABELING

OCCULT BLOOD, STOOL

SYNONYMS: Hemocult, Stool Blood

TEST INCLUDES: Test for presence of Blood in Stool

AVAILABILITY: 24/7

TURNAROUND TIME: STAT or 8 Hrs

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Stool

CONTAINER: Clean Screw Capped Container or prepared Hemocult Slide

SPECIMEN STABILITY: 24 Hrs refrigerated for stool, prepared slides stable at Room Temp, deliver as soon as possible

CAUSES FOR REJECTION: Stool contaminated with urine. IMPROPER LABELING

SPECIAL NEEDS: For 7 days before collection the patient should avoid aspirin and other non steroidal

Anti-inflammatory drugs. For 3 days before collection the patient should avoid Vitamin

C in excess of 250 mg from all sources, red meat (beef, lamb), processed meals or

Liver; and raw fruits and vegetables (especially melons, radishes, turnips and horse-radish).

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

OSMOLALITY, SERUM

SYNONYMS: Serum Osmo

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: must be assayed immediately

CAUSES FOR REJECTION: IMPROPER LABELING

OSMOLALITY, URINE

SYNONYMS: Urine Osmolality

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 10 ml

MINIMUM VOL: 1 ml

CONTAINER: Urine Cup

CAUSES FOR REJECTION: IMPROPER LABELING

OVA AND PARASITE STOOL SPECIMENS

TEST INCLUDES Gross and microscopic examination (wet prep and Trichrome stain) of specimen for worms, eggs, and Protozoa. Does not detect CRYPTOSPORIDIUM and CYCLOSPORA SP.,
Order Separately

AVAILABILITY: 0800 - 1600

TURNAROUND TIME: 72 Hrs. or longer if problematic.

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Stool

CONTAINER: Parapak (available with directions from Micro)

SPECIMEN STABILITY: Stool should be placed in preservative within one hour of collection

SPECIAL NEEDS: No more than 3 specimens should be submitted for examination. Inpatient specimens should not be submitted after the fourth hospital day, without prior consultation. A stool culture cannot be performed on these specially preserved specimens. It must be collected in a separate container, refrigerated, if not delivered to the off-site lab within 2 hrs, and then submitted to the Main Lab within 24 hours.

SPECIMEN TYPE: Stool

CONTAINER: Parapak (available with directions from Micro)

SPECIMEN STABILITY: Stool should be placed in preservative within one hour of collection

CAUSES FOR REJECTION: IMPROPER LABELING

PAP SMEAR FOR CYTOLOGY: SEE CONVENTIONAL PAP SLIDE.

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

PARTIAL THROMBOPLASTIN TIME

SYNONYMS: PTT, APTT

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 hrs

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml

MINIMUMVOL: 90%filled

CONTAINER: Blue Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 4 Hrs spun and separated refrigerated. Separate if drawing off site.

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, and Incorrectly Filled

SPECIAL NEEDS: Specimens drawn to monitor heparin therapy should be spun/separated immediately.

PHENOBARBITAL

SYNONYMS: Pheno

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis.

PHENYTOIN (DILANTIN)

SYNONYMS: Dil, Phenytoin

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

PHOSPHORUS

SYNONYMS: Phos, Phosphorus

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum, Urine

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 hours refrigerated, 8 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

PHOSPHORUS, URINE

SYNONYMS: Urine Phos

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: Random

MINIMUM VOL: 1 ml

CONTAINER: Urine Cup

SPECIMEN STABILITY: 24 hours

CAUSES FOR REJECTION: IMPROPER LABELING

PHOSPHORUS, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Phosphorus

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 10 ml

MINIMUM VOL: 1 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 24 hours

CAUSES FOR REJECTION: IMPROPER LABELING

PINWORM PREP

SYNONYMS: Enterobius vermicularis Screen, Scotch Tape Test, Pinworm Paddle

AVAILABILITY: 0800 - 1600

TURNAROUND TIME: 24 Hrs

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Paddle Pick-up of peri-anal area.

CONTAINER: Use pinworm paddle (available from Micro Lab)

COLLECTION: Touch pinworm paddle to peri-anal area in several places.

SPECIMEN STABILITY: Deliver to lab ASAP, Same day

CAUSE FOR REJECTION: Specimen old, dried out, IMPROPER LABELING, improper collection

SPECIAL NEEDS: Best collection times—21:00-24:00 or in a.m. before bathing or bowel movement.

POTASSIUM

SYNONYMS: Potassium

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

POTASSIUM, URINE

SYNONYMS: Urine K, Urine Potassium

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: Random

CONTAINER: Urine Cup

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

POTASSIUM, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Potassium

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

PREGNANCY TEST, SERUM

SYNONYMS: Qualitative Serum Preg, Qualitative HCG

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 24 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 Days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: SEROLOGY

MINIMUMVOL: ½ of 5 ml

PREGNANCY TEST, URINE

SYNONYMS: Urine Preg

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 24 Hrs

SPECIMEN TYPE: Urine

VOLUME: 5 ml

CONTAINER: Urine Cup

COLLECTION: Mid Stream

SPECIMEN STABILITY: 3 Days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: SEROLOGY

MINIMUMVOL: 5 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

PREGNANCY TEST: SEE HCG QUANT, PREGNANCY URINE, PREGNANCY SERUM

PREALBUMIN

SYNONYMS:

AVAILABILITY: Daily

TURNAROUND TIME: 8 hours

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

PRENATAL PROFILE

TEST INCLUDES: HBSAG, RPR, Rubella, CBC, Type and Screen

SYNONYMS:

AVAILABILITY: See individual tests

TURNAROUND TIME: See individual tests

SPECIMEN TYPE: Serum, Whole Blood, Clean Catch Urine

VOLUME: 10 ml

CONTAINER: 2 SST, 2 Lavender, 1 Red Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: See Individual Tests

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY/HEMATOLOGY/SEROLOGY

MINIMUM VOL: ½ of 5 ml

PROGESTERONE

SYNONYMS: Progesterone

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 10 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 20 hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

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Clinical Laboratory Specimen Collection Guide

PROLACTIN

SYNONYMS: Prolactin

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

PROSTATE SPECIFIC ANGITEN

SYNONYMS: PSA

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 5 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

PROTEIN, BODY FLUID

SYNONYMS: body fluid protein

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: body fluid

VOLUME: 2 ml

CONTAINER: red top tube or clean screw capped tube

COLLECTION: By Physician

SPECIMEN STABILITY: 2 days

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ ml

PROTEIN, CSF

SYNONYMS: Spinal Fluid Protein

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Spinal Fluid

VOLUME: 1 ml

CONTAINER: Spinal Fluid Conical Container

COLLECTION: By Physician

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ ml

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Clinical Laboratory Specimen Collection Guide

PROTEIN TOTAL SERUM: SEE TOTAL PROTEIN

PROTEIN, URINE

SYNONYMS: Urine Pro, Urine Protein

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: Random

CONTAINER: Urine Cup

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

PROTEIN, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Protein

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 5 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

PROTHROMBIN TIME

SYNONYMS: PT/INR, PT, Prottime

TEST INCLUDES: Prothrombin Time and INR

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 hrs

SPECIMEN TYPE: Whole Blood

VOLUME: 5 ml or Pedi Blue

CONTAINER: Blue Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hrs stored at room temperature.

CAUSES FOR REJECTION: IMPROPER LABELING, specimen refrigerated, Hemolysis, Clotted, and Incorrectly Filled

LABORATORY: HEMATOLOGY

MINIMUMVOL: 90%filled

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Clinical Laboratory Specimen Collection Guide

PTH INTACT

SYNONYMS: PTH, Parathyroid Hormone

TEST INCLUDES: PTH and Calcium

AVAILABILITY: Daily

TURNAROUND TIME: 8 hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml Serum

CONTAINER: SST or Plain Red Top

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: 0.5 ml

PSA: SEE PROSTATE SPECIFIC ANTIGEN

PT: SEE PROTHROMBIN TIME

PTT: SEE PARTIALTHROMBOPLASTIN TIME

QUANT HCG: SEE HCG QUANTITATIVE

RA SCREEN

SYNONYMS: Rheumatoid Factor Screen, RF Screen

AVAILABILITY: 0700-1500M-F

TURNAROUND TIME: 24 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 Days

SPECIAL NEEDS: A titer will be reflexed on positive screens.

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: SEROLOGY

MINIMUMVOL: ½ of 5 ml

RAPID GROUP B STREP SCREEN

TEST INCLUDES Prelim screen for Group B Strep

AVAILABILITY: 24/7

TURNAROUND TIME: STAT

SPECIMEN TYPE: vaginal swab collected using only COPAN Brand double swab

CONTAINER: COPAN Brand double swab

SPECIMEN STABILITY: RT for 72 hours

SPECIAL NEEDS: Special collection device required. Call the Micro Lab with questions

CAUSES FOR REJECTION: IMPROPER LABELING, Improper collection device

LABORATORY: MICROBIOLOGY

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Clinical Laboratory Specimen Collection Guide

RAPID PLASMA REAGIN TEST: SEE RPR

RENAL PROFILE

SYNONYMS: Renal Panel

TEST INCLUDES: BUN, Crt, K, CA, Phos, UA

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 3 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

RESPIRATORY SYNCYTIAL VIRUS: SEE RSV

RETICULOCYTE COUNT

SYNONYMS: Retic Count

TEST INCLUDES: Retic %, Retic Absolute number, Immature Retic Fraction% (IRF)

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hours

SPECIMEN TYPE: Whole Blood

VOLUME: 4 ml

CONTAINER: Lavender

COLLECTION: Venipuncture, 1 Properly Filled Capillary

SPECIMEN STABILITY: 24 hours @ RT or 72hours 2-8°C

CAUSES FOR REJECTION: IMPROPER LABELING, Clotted

LABORATORY: HEMATOLOGY

MINIMUMVOL: ½ of 5ml
or ½ 2.5 ml

RF: SEE RA SCREEN

RH

SYNONYMS: Rh, D

TEST INCLUDES: Determination of Rh type including weak D (Du) variant, if applicable

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 24 Hrs

SPECIMEN TYPE: Whole Blood

VOLUME: 7 ml

CONTAINER: Pink

COLLECTION: Venipuncture

SPECIMEN STABILITY: 1 week refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Improper labeling

LABORATORY: Blood Bank

MINIMUM VOL: 5 ml

RHEUMATOID FACTOR: see RA SCREEN

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

ROUTINE SURGICAL PATHOLOGY

TEST INCLUDES: Tissue for Pathology, Histology Specimen

SPECIMEN TYPE: Tissue from any body site

CONTAINER: 10% Neutral Buffered formalin

STABILITY: Preserve Immediately

LABORATORY: HISTOLOGY

TURNAROUND TIME: 48 Hrs unless problematic or consult required.

SPECIAL NEEDS: Cytogenetics or Special Studies call Pathology 582-2175

ROUTINE URINALYSIS

SYNONYMS: Routine Urinalysis

AVAILABILITY: 24/7

TURNAROUND TIME: STAT or 8 Hrs

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Urine

CONTAINER: Clean Screw Capped Container

COLLECTION: Midstream urine

SPECIMEN STABILITY: 24 Hrs refrigerated

CAUSEFOR REJECTION: Older than 24 Hrs, IMPROPER LABELING

SPECIAL NEEDS: A microscopic exam will be reflexed as needed. A urine collected using clean catch technique can be used for both culture and Urinalysis

ROUTINE URINALYSIS, TOTAL

SYNONYMS: Whole urinalysis

TEST INCLUDES: Dipstick and microscopic exam of sediment

AVAILABILITY: 24/7

TURNAROUND TIME: STAT or 8 Hrs

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Urine

VOLUME: 15 ML if possible

CONTAINER: Clean Screw Capped Container

COLLECTION: Midstream urine

SPECIMEN STABILITY: 24 Hrs refrigerated

CAUSEFOR REJECTION: Older than 24 Hrs, IMPROPER LABELING

SPECIAL NEEDS: A urine collected using clean catch technique can be used for both culture and Urinalysis

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

RPR

SYNONYMS: Rapid Plasma ReaginTest, syphilis test

AVAILABILITY: 07:00-15:00 M-F

TURNAROUND TIME: 24 Hrs

LABORATORY: SEROLOGY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 Days

CAUSES FOR REJECTION: IMPROPER LABELING, Gross Hemolysis

SPECIAL NEEDS: Positive RPR will automatically be sent to the State Lab for confirmation.

RSV (RESPIRATORY SYNCYTIAL VIRUS)

TEST INCLUDES: qualitative detection of RSV antigen directly from nasopharyngeal specimens

SPECIMEN TYPE: nasal swab in saline to cover tip, nasal washing

LABORATORY: MICROBIOLOGY

CONTAINER: NP swab in screw capped container

IDEAL TRANSPORT TO PROCESSING: refrigerate until transport, <8 hrs

TURNAROUND TIME: STAT or 700-1500 daily

CAUSES FOR REJECTION: excessively bloody specimens will be rejected because of interference with test procedure.

Calcium alginate swabs interfere with test and will be rejected, IMPROPER LABELING

RUBELLA

SYNONYMS: German Measles

AVAILABILITY: Mon and Thurs.

TURNAROUND TIME: Done Mon and Thurs.

LABORATORY: SEROLOGY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUMVOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 Days

CAUSES FOR REJECTION: IMPROPER LABELING, Gross Hemolysis

RUBEOLA

SYNONYMS: Measles

AVAILABILITY:0700-1500.

TURNAROUND TIME: Done Mon and Thurs.

LABORATORY: SEROLOGY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUMVOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 Days

CAUSES FOR REJECTION: IMPROPER LABELING, Gross Hemolysis

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

SALICYLATE

SYNONYMS: Aspirin, Salicylate, acetasalicylic acid

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUMVOL: ½ of 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

SCOTCH TAPE PREP: SEE PINWORM PREP

SED RATE: SEE WESTERGREN SEDIMENTATION RATE

SEMEN ANALYSIS

SYNONYMS: Sperm Count

TEST INCLUDES: Count, Color Morphology, Motility, Viscosity, Volume

AVAILABILITY: 0830-1300 M-F, by appointment only

TURNAROUND TIME: 7 working days

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Semen

CONTAINER: Plastic or Glass wide mouth container

COLLECTION: Follow Hemo Instruction Sheet

SPECIMEN STABILITY: 1 Hour

CAUSES FOR REJECTION: IMPROPER LABELING, Improper collection, see instruction sheet

SPECIAL NEEDS: Call Hematology to set up an appointment. 582-2164

SGOT (AST)

SYNONYMS: AST

AVAILABILITY: 24/7 or stat

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated, 24 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

SGOT (AST), BODY FLUID

SYNONYMS: Body Fluid SGOT

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Body Fluid

VOLUME: 10 ml

CONTAINER: RED TOP, Green Top

COLLECTION: By Physician

SPECIMEN STABILITY: 7 days refrigerated, 24 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, QNS

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ ml

SGPT (ALT)

SYNONYMS: ALT

AVAILABILITY: 24/7 or stat

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated, 24 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

SGPT (ALT), BODY FLUID

SYNONYMS: Body fluid SGPT

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Body Fluid

VOLUME: 1 ml

CONTAINER: RED TOP, Green Top

COLLECTION: By Physician

SPECIMEN STABILITY: 7 days refrigerated, 24 hours room temperature

CAUSES FOR REJECTION: IMPROPER LABELING, QNS

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ ml

SICKLE CELL TEST

SYNONYMS: Sickle Cell

AVAILABILITY: 0700-1500 M-F

TURNAROUND TIME: 8 Hours

SPECIMEN TYPE: Whole Blood

VOLUME: 2.5ml or 4 ml

CONTAINER: Lavender

COLLECTION: Venipuncture, 1 Properly Filled Capillary

SPECIMEN STABILITY: 2-8°C up to 3 days

CAUSES FOR REJECTION: IMPROPER LABELING, Clotted

LABORATORY: HEMATOLOGY

MINIMUMVOL: ½ filled tube

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

SKIN BIOPSY: SEE ROUTINE SURGICAL PATHOLOGY

SODIUM

SYNONYMS: Sodium

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

SODIUM, RANDOM URINE

SYNONYMS: Urine Sodium, Urine Na

AVAILABILITY:0700-2300daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: Random

CONTAINER: Urine Cup

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

SODIUM, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Sodium

AVAILABILITY:0700-2300daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: 1 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

SUREPATH PAP SMEAR

SYNONYMS: Cervical smear, PAP Test, Vaginal cytology.

TEST INCLUDES: Screen for neoplasm, infections, or abnormal hormone levels (maturation index)

SPECIMEN TYPE: Endocervical, ectocervical or vaginal specimens.

CONTAINER: SurePath preservative fluid

LABORATORY: CYTOLOGY

STABILITY: Put specimen in container. Store at room temperature

TURNAROUND TIME: 10 working days (m-f)

REJECTION: Improper labeling of specimen container.

SPECIAL NEEDS: Pertinent information such as age, LMP, specimen source, clinical history, screening vs diagnostic and appropriate HPV test (reflex or request).

SPECIFIC GRAVITY, URINE: SEE ROUTINE URINALYSIS

SPINAL FLUID CELLCOUNT

SYNONYMS: Spinal Count

TEST INCLUDES: WBC, RBC, AND DIFF

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 1 Hour

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Spinal Fluid

VOLUME: 1 ml

MINIMUM VOL: ½ ml

CONTAINER: Spinal Fluid Collection Tube

COLLECTION: By Physician

SPECIMEN STABILITY: Held in Department for 7 days

CAUSES FOR REJECTION: IMPROPER LABELING, QNS

SPECIAL NEEDS: Tube #3 or Tubes #1 and #3 submitted for testing. Bring to lab STAT.

SPUTUM CULTURE

SPECIMEN TYPE: Sputum

CONTAINER: Sterile container preferred

IDEAL TRANSPORT TO PROCESSING: < 2Hrs. @ RT, <24 Hrs @ 4°C

TURNAROUND TIME: 48Hrs.

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

SPUTUM CYTOLOGY

SYNONYMS: Sputum for cytology

TEST INCLUDES: Mucolytic agent used to prepare thin prep slide. Can establish presence of neoplasm or infection

SPECIMEN TYPE: Sputum (not saliva or nasal aspirate)

CONTAINER: Clean Screw capped container

LABORATORY: CYTOLOGY

STABILITY: Refrigerated delivery

TURNAROUND TIME: 24° M-F

REJECTION: Improper labeling

SPECIAL NEEDS: If pulmonary lesion suspected, 3 consecutive first morning specimens preferred. Patient should rinse mouth with water prior to collection.

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

STOOL FOR CULTURE

SPECIMEN TYPE: Stool

CONTAINER: Transport Swab or clean screw capped container

IDEAL TRANSPORT TO PROCESSING: <2Hrs. @ RT, <12Hrs @ 4°C

TURNAROUND TIME: 72 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: No more than 2 specimens should be submitted. Inpatients should not have stool cultures after the third hospital day.

CAUSES FOR REJECTION: IMPROPER LABELING. Diapers are not acceptable.

STOOL FAT

SYNONYMS: Fecal fat

AVAILABILITY: 0800 - 1600

TURNAROUND TIME: 24 Hrs

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Random Stool Collection

CONTAINER: Screw capped tube

SPECIMEN STABILITY: Refrigerate until delivered to lab ASAP

SPECIAL NEEDS: No more than 2 specimens should be submitted. Inpatients should not have stool cultures after the third hospital day.

CAUSES FOR REJECTION: IMPROPER LABELING. Diapers are not acceptable.

STOOL FOR VIBRIO

TEST INCLUDES:

SPECIMEN TYPE: Stool

CONTAINER: Clean screw capped container

IDEAL TRANSPORT TO PROCESSING: <2Hrs. @ RT, <24 Hrs @ 4°C

TURNAROUND TIME: 72 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: No more than 2 specimens should be submitted. Inpatients should not have stool cultures after the third hospital day.

CAUSES FOR REJECTION: IMPROPER LABELING. Diapers are not acceptable.

STOOL FOR YERSINIA

TEST INCLUDES:

SPECIMEN TYPE: Stool

CONTAINER: Clean screw capped container

IDEAL TRANSPORT TO PROCESSING: <2Hrs. @ RT, <24 Hrs @ 4°C

TURNAROUND TIME: 72 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: No more than 2 specimens should be submitted. Inpatients should not have stool cultures after the third hospital day.

CAUSES FOR REJECTION: IMPROPER LABELING. Diapers are not acceptable.

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

STREP GROUP A SCREEN

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

IDEAL TRANSPORT TO PROCESSING: Room Temp. Within 24 Hrs.

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

STREP GROUP B SCREEN CULTURE

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

IDEAL TRANSPORT TO PROCESSING: Room Temperature. Within 24 Hrs.

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

STREPTOLYSIN O ANTIBODIES: SEE ASO SCREEN

SYNOVIAL FLUID CELL COUNT: SEE BODYFLUID COUNT

SYNOVIAL FLUID CHEMISTRIES: SEE SPECIFIC CHEMISTRY TEST, BODY FLUID

SYNOVIAL FLUID CRYSTALS

AVAILABILITY: 0800 - 1600

TURNAROUND TIME: 24 Hrs

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Joint Fluid

CONTAINER: Green Top (should be full to avoid detection of tube anticoagulant as crystals)

COLLECTION: By Doctor

SPECIMEN STABILITY: 24 Hrs. at Room Temp. Only

SPECIAL NEEDS: Synovial fluid for culture must be received in a sterile container. If GC is suspected, specimen must be stored at Room Temp and delivered to the lab in less than 15 minutes. Specimen may be plated on a Jembec Plate.

CAUSES FOR REJECTION: IMPROPER LABELING, grossly clotted

SYPHILLIS SCREENING TEST: SEE RPR

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Clinical Laboratory Specimen Collection Guide

T4

SYNONYMS: T4, Thyroxine

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

T3 RESIN UPTAKE: SEE T-UPTAKE

T4 FREE: SEE FREE T4

TB: SEE ACID FAST CULTURE

TEGRETOL (CARBAMAZEPINE)

SYNONYMS: Teg, Carbamazepine

AVAILABILITY: 24/7 OR STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 2 days refrigerated for SST, 7 days refrigerated for plain red top

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

THEOPHYLLINE

SYNONYMS: Theophylline, Theo

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

THIN PREP PAP SMEAR

SYNONYMS: Cervical smear, PAP Test, Vaginal cytology.

TEST INCLUDES: Screen for neoplasm, infections, or abnormal hormone levels (maturation index)

SPECIMEN TYPE: Endocervical, ectocervical or vaginal specimens.

CONTAINER: PreservCyt

LABORATORY: CYTOLOGY

STABILITY: Put specimen in container. Store at room temperature

TURNAROUND TIME: STAT or <14 days

REJECTION: Improper labeling will be returned to Physician's office.

SPECIAL NEEDS: Pertinent information such as age, LMP, adequate specimen. If HPV or reflex HPV is desired it **MUST** be stated on requisition.

THROAT CULTURE

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

IDEALTRANSPORT TO PROCESSING: Room Temp. Within 24 hrs.

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

THROAT CULTURE: SEE ALSO STREP GP A SCREEN OR STREP GP B SCREEN

THROMBOCYTE COUNT: SEE PLATELET COUNT IN CBC OR C10 (HEMOGRAM)

THYROID STIMULATING HORMONE: SEE TSH

THYROXINE: SEE T4

TISSUE FOR BIOPSY: SEE ROUTINE SURGICAL PATHOLOGY

TISSUE FOR CULTURE

SPECIMEN TYPE: Any Body Part

CONTAINER: Sterile Container

IDEALTRANSPORT TO PROCESSING: ASAP

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Anaerobes have a longer turn around time and require an Anaerobic Transport Swab

CAUSES FOR REJECTION: IMPROPER LABELING

TOXIN ASSAY: SEE CLOSTRIDIUM DIFFICILE SCREEN

TOTAL BILIRUBIN: SEE BILIRUBIN (TOTAL)

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TOTAL PROTEIN

SYNONYMS: Serum Protein

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

TOTAL PROTEIN PANEL

SYNONYMS: Total Protein Profile, Albumin Profile

TEST INCLUDES: TP, Albu, Glob, A/G Ratio

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: RED TOP, SST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

TRICHOMONAS VAGINALIS: SEE WET PREP

TRIGLYCERIDES

SYNONYMS: TRIG

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: ½ of 5 ml

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TROPONIN T

SYNONYMS: Troponin T

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Plasma

VOLUME: 5 ml

CONTAINER: Green PST

COLLECTION: Venipuncture

SPECIMEN STABILITY: 24 Hours refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, serum

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

TSH

SYNONYMS: THYROID STIMULATING HORMONE

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

T-UPTAKE

SYNONYMS: T3 Uptake, T3 Up

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

TYLENOL: SEE ACETAMINOPHEN, BLOOD

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TYPE AND SCREEN

SYNONYMS: blood type and antibody screen

TESTS INCLUDE: ABO group, Rh type, and RBC antibody screen

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: STAT

LABORATORY: Blood Bank

SPECIMEN TYPE: Whole Blood

VOLUME: 7 ml

MINIMUM VOL: 5 ml

CONTAINER: Pink

COLLECTION: Venipuncture

SPECIMEN STABILITY: 1 week refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Improper labeling

TYPE, SCREEN AND CROSSMATCH ... (#OF UNITS)

MNEUMONICS: ex. Type in TSX 3 =type screen crossmatch3 units

SYNONYMS: type screen and crossmatch

TESTS INCLUDES: ABO group, Rh type, RBC antibody screen, and crossmatch for desired # of units

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 1 hr or longer if problematic

LABORATORY: Blood Bank

SPECIMEN TYPE: Whole Blood

VOLUME: 7 ml

MINIMUM VOL: 5 ml

CONTAINER: Pink

COLLECTION: Venipuncture

SPECIMEN STABILITY: 1 weeks refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Improper labeling, and no patient band

TZANCK CELL PREPARATION

SYNONYMS: herpes cytology

TESTS INCLUDE screen for herpes simplex

AVAILABILITY: Mon thru Fri

TURNAROUND TIME: 24 hr

LABORATORY:CYTOLOGY

SPECIMEN TYPE: direct smear slide properly fixed from any site or scraping placed in PreservCyt fixative.

CONTAINER: SLIDE or Vial of PreservCyt

COLLECTION: by doctor

SPECIMEN STABILITY: must be properly fixed on slide. In fixative, no refrigeration needed.

CAUSES FOR REJECTION: IMPROPER LABELING WILL BE RETURNED TO SOURCE

UA: SEE URINALYSIS

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Clinical Laboratory Specimen Collection Guide

UIBC PROFILE

SYNONYMS: UIBC, Unsaturated Iron Binding Capacity

TEST INCLUDES: IBC, TIBC, Iron, %Sat

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 10 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

URIC ACID

SYNONYMS: Uric Acid

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Serum

VOLUME: 5 ml

CONTAINER: SST, RED TOP

COLLECTION: Venipuncture

SPECIMEN STABILITY: 7 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

LABORATORY: CHEMISTRY

MINIMUM VOL: ½ of 5 ml

URIC ACID, RANDOM URINE

SYNONYMS: Urine Uric Acid

AVAILABILITY: 0700-2300 daily

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 5 ml

CONTAINER: screw- capped container

SPECIMEN STABILITY: 1 day refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: 1 ml

URIC ACID, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Uric Acid

AVAILABILITY: 7:00 A.M. - 11:00P.M. 7 days

TURNAROUND TIME: 8 Hrs

SPECIMEN TYPE: Urine

VOLUME: 10 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 1 day refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis

LABORATORY: CHEMISTRY

MINIMUMVOL: 1 ml

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Clinical Laboratory Specimen Collection Guide

URICULT

TEST INCLUDES: Urine cultured in Doctor's Office

SPECIMEN TYPE: Urine

CONTAINER: Uricult Brand Culture Device

IDEALTRANSPORT TO PROCESSING: Room Temp. Within 24 hrs.

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

UREA NITROGEN, RANDOM URINE

AVAILABILITY: 24/7

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 24 Hour Collection, Random

MINIMUMVOL: 1ml aliquot

CONTAINER: Urine Jug or Cup

COLLECTION: Patient

SPECIMEN STABILITY: 4 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

UREA NITROGEN, 24 HOUR URINE

SYNONYMS: 24-Hour Urine Urea Nitrogen, Urine Bun

AVAILABILITY: 7:00 A.M. - 11:00P.M. 7 days

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 10 ml

MINIMUM VOL: 1 ml

CONTAINER: Urine jug

SPECIMEN STABILITY: 4 days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

URINALYSIS: SEE ROUTINE URINALYSIS OR ROUTINE URINALYSIS TOTAL

URINE CULTURE

TEST INCLUDES: Culture and colony count of urine, sensitivities as needed.

SPECIMEN TYPE: Urine

CONTAINER: Sterile Screw capped container

VOLUME: 1 ML

IDEALTRANSPORT TO PROCESSING: 2 Hrs @RT, 24 Hrs @ 4°C

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS:

CAUSES FOR REJECTION: IMPROPER LABELING

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Clinical Laboratory Specimen Collection Guide

URINE CYTOLOGY

SYNONYMS: Urine for cytology

TEST INCLUDES: Examination of smears prepared by thin prep method for presence of neoplasm or infection

SPECIMEN TYPE: Voided or catheter urines or other urine samplings.

CONTAINER: Clean Screw capped container

LABORATORY: CYTOLOGY

STABILITY: Refrigerate until delivered to lab, add fixative when received in Main lab.

TURNAROUND TIME: 24° M-F

REJECTION: Improper labeling. Specimen will be returned to source.

SPECIAL NEEDS: Clean catch urine preferred, NOT first morning specimen

URINE DRUG SCREEN

SYNONYMS: Urine Drug, Comprehensive Drug Analysis, and Urine

TEST INCLUDES: URINE METHADONE, URINE PHENCYCLIDINE, URINE BENZODIAZAPINES,
URINE AMPHETAMINES, URINE CANNABANOIDS, URINE OPIATES, URINE COCAINE, URINE
BARBITRUATES, URINE OXYCODONE.

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Urine

VOLUME: 10 ml

MINIMUM VOL: 1 ml

CONTAINER: Urine Cup

SPECIMEN STABILITY: 7 Days refrigerated

CAUSES FOR REJECTION: IMPROPER LABELING

UROGENITALCULTURE

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

IDEAL TRANSPORT TO PROCESSING: 24 Hrs @RT

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Protect from cold

CAUSES FOR REJECTION: IMPROPER LABELING

**VAGINAL CYTOLOGY: SEE THIN PREP PAP SMEAR, OR CONVENTIONAL PAP SLIDE FOR
CYTOLOGY**

VALPROIC ACID: SEE DEPAKENE

Cooley Dickinson Hospital

Clinical Laboratory Specimen Collection Guide

VANCOMYCIN..... TROUGH AND PEAK

SYNONYMS: Vanco

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hrs

LABORATORY: CHEMISTRY

SPECIMEN TYPE: Serum

VOLUME: 5 ml

MINIMUM VOL: ½ of 5 ml

CONTAINER: SST, Red Top

SPECIMEN STABILITY: 24 hours refrigerated

SPECIAL NEEDS: Vanco Peak should be drawn 30 minutes after a 1-hour I.V.

Vanco Trough, should be drawn immediately prior to the next dose

CAUSES FOR REJECTION: IMPROPER LABELING

VANCOMYCIN RESISTANT ENTEROCOCCI: SEE VRE SCREEN

VARICELLA ZOSTER

SYNONYMS: Chicken Pox

AVAILABILITY: Mon. and Thurs.

SPECIMEN TYPE: Serum

LABORATORY: MICROBIOLOGY

CONTAINER: 5 ML SST or Red Top Tube

MIN VOL: ½ of 5 ml

CAUSES FOR REJECTION: IMPROPER LABELING

VITAMIN B12: SEE B12

VRE SCREEN

TEST INCLUDES: Vanco resistant Enterococci

SPECIMEN TYPE: Any body site swab or urine or sputum

CONTAINER: Sterile Screw capped container or Transport Swab

IDEAL TRANSPORT TO PROCESSING: 24 Hrs on Swab, Sputum & Urine: <2 Hrs @RT, <24Hrs @4°C.

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

CAUSES FOR REJECTION: IMPROPER LABELING

WESTERGRENN SEDIMENTATION RATE

SYNONYMS: Sed Rate, Westergren

AVAILABILITY: 24/7 or STAT

TURNAROUND TIME: 8 Hours

LABORATORY: HEMATOLOGY

SPECIMEN TYPE: Whole Blood

VOLUME: 2.5ml or 5 ml

MINIMUMVOL: ½ of 5 ml

CONTAINER: Lavender

COLLECTION: Venipuncture

SPECIMEN STABILITY: 6 Hrs @ RT or 12 Hrs at4°C

CAUSES FOR REJECTION: IMPROPER LABELING, Hemolysis, Clotted, Incorrectly Filled Tube

SPECIAL NEEDS: Tubes must be filled, and mixed properly. 2.5 ml tube must be filled.

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WET PREP

TEST INCLUDES: Investigation of vaginal secretion for Yeast and/or Trichomonas vaginalis

AVAILABILITY: 24/7

TURNAROUND TIME: STAT

LABORATORY: MICROBIOLOGY

SPECIMEN TYPE: Swab of vaginal secretions

CONTAINER: Small amount of sterile saline in screw capped container.

COLLECTION: by Doctor.

SPECIMEN STABILITY: 1 Hr. at **body** temperature

CAUSEFOR REJECTION: Specimen old, dried out, IMPROPER LABELING

SPECIAL NEEDS: For detection of yeast, a swab or air dried slide of specimen for gram stain is best

WORM ID

SPECIMEN TYPE: Submit Worm

CONTAINER: Clean Container

IDEALTRANSPORT TO PROCESSING: ASAP

TURNAROUND TIME: As required to ID Worm

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Ideal: Submit worm in formalin or saline. Unpreserved specimens must be delivered ASAP.

***Do not put ticks or other insects in formalin**

CAUSES FOR REJECTION: IMPROPER LABELING

WOUND CULTURE

TEST INCLUDES: Culture of any body site

SPECIMEN TYPE: Swab

CONTAINER: Transport Swab

IDEAL TRANSPORT TO PROCESSING: <24Hrs @ RT

TURNAROUND TIME: 48 Hrs

LABORATORY: MICROBIOLOGY

SPECIAL NEEDS: Note specific site

CAUSES FOR REJECTION: IMPROPER LABELING

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Clinical Laboratory Specimen Collection Guide

Document Implementation and Review Page

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Name Date

Validated By: Donald Campbell 9/1/2009
Name Date

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