

Clinical Pathology
Royal Oak, Michigan 48073

RC.CH.LOP.SH.RG.002r03

STAT LAB-- x88063	
MT II Stat Lab x88035	
TESTS	TAT
Alk Phos	60 min.
Ammonia	45 min.
Amylase	35 min.
Beta-Hydroxybutyrate	40 min.
BNP	45 min.
T/D Bili	60 min.
Calcium	25 min.
Ionized Calcium	25 min.
BUN	25 min.
CK/CK-MB	45 min.
Creatinine	25 min.
Electrolytes	25 min.
ETOH	40 min.
Blood Gases	6 min.
Glucose	25 min.
Green Room Panel	25 min.
EC Beta HCG	45 min.
Lactic Acid	45 min.
LD	60 min.
Lipase	40 min.
Magnesium	45 min.
Phosphorus	45 min.
Urine HCG	20 min.
AST	60 min.
ALT	60 min.
EC Troponin	35 min.
EC Myoglobin	45 min.
CBC/Plt/Diff	30 min.
PT, PTT, D-Dimer	30 min.
Monospot	45 min.
Osmolality (Serum/Urine)	45 min.
Source HIV-1 Antibody	45 min.

URINALYSIS--x18064		
Spvr. Auto Chem x18031		
TESTS	TAT	
Urinalysis	45 min.	
Urine Prot/Creat Ratio	60 min	

TOXICOLOGY--x18058		
MTII Tox x18034		
TESTS	TAT	
Digoxin	60 min.	
Drug Screen	90 min.	
Theophylline	45 min.	
Individual Urine Drugs	60 min.	
Toxic Alcohol Screen	60 min.	

AFTERNOON SHIFT CONTACT	
MTII Chemistry/Hematology	
x10664 Beeper # 101100	

MIDNIGHT SHIFT CONTACT	
MTII Chemistry/Hematology	
x13317 Beeper # 57808	

HEMATOLOGY--X18080	
Spvr. Hematology x18081	
TESTS	TAT
Manual CBC Differential	60 min.
WSR	90 min.
Retic	60 min.
Body Fluid Cell Count	60 min.

COAGULATION--X18084	
Spvr. Coag x18081	
TESTS	TAT
DIC Screen	60 min.
D-Dimer/DVT	60 min.
Quant D-Dimer	60 min.
Fibrinogen	60 min.

MICROBIOLOGY--X18090	
Spvr. Micro x18087	
TESTS	TAT
Strep Screen	30 min.
Gram Stain	30 min.
Bacterial Antigen	60 min.
Malaria Smear	45-60 min.

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Sample Collection:

Chemistry Samples	Gold Top
Drug Samples	Red Top
Urine Drug Screens	Urine Transport CUP (with Orange screw cap)
Hematology Sample	Lavender Top
Coagulation Studies	Blue Top
Urinalysis Samples	Yellow Urine Tube, NO URINE CUPS, No grey top C&S tube
Misc. Urines Tests	Urine Transport CUP (with Orange screw cap)
Microbiology Urine Samples	Grey Urine C&S vacutainer w/ preservative

NOTE: THERE ARE TO BE NO SHARED URINE SAMPLES FOR UA and C&S

Sample Labeling Requests:

Place labels on the tubes so they can be read vertically.

Do not affix more than one label per tube.

Mark the tubes with patient B #, collection time/date, and your ID away from the barcode.

Sample Transport:

Tube samples to the STAT Lab. Station # 309 or # 311

No Towels, Blankets, or Sheets. Please use 1 piece of foam.

Sample Receipt:

Specimens must be properly labeled.

We do not accept unlabeled samples

We do not accept samples with the labels enclosed in the bag.

We do not send samples back to the EC for you to label.

Relabel policy: Samples for relabel include: CSF, Fluids, Pediatric, Traumas

Extra Samples:

GOLD Top Tubes will be spun and held in the STAT Lab.

RED Top Tubes will be spun and held in the STAT Lab.

Lavender Top Tubes will be held in the STAT Lab.

Blue Top Tubes will be held in the STAT Lab.

Yellow Urine Tubes will be sent to Urinalysis to be held.

Cancellation of Samples:

Short draws--Coag must be 100% full, CBC needs 75% fill. This is due to anticoagulant/blood ratio.

Hemolysis--Greater than Slightly Hemolyzed samples canceled for all Chemistry tests except ETOH and Osmolality

Turnaround Times (TAT)

May vary due to scheduled or unscheduled LIS downtime, scheduled maintenance or QC issues.

EC Charge Nurse will be notified if we feel TAT will be compromised.

Reporting Critical Results:

Need employee ID# to release results in LIS

Verbal verification of proper patient identification (MRN #)

All verbal results must be repeated back by recipient to ensure correct transcription.

EC TOUR GENERAL INFORMATION

Communication between EC and STAT Lab

Direct Phone # is 88063. This line is reserved for EC personnel ONLY!!!

Please do not share this phone number with patients.

Use of this line should only be for Critical or Trauma patients, Add-ons, Delayed patient results after checking HIS for Chart Review or published TAT has been exceeded.

Calls to this line should ONLY be for Chemistry or regarding specimen receipt. We do not triage calls to other lab sections, eg. Micro or Hematology.

General Considerations:

- * Faster TAT on whole blood samples, e.g.. Green Room Panel, ABG's, Whole Blood Glucose

- * Faster TAT on samples with full tubes.

STAT's come from the entire hospital, not just EC.

Proper label placement, proper printing of labels

Proper collection information on tubes, QNS, specimen handling (ex. On ice)

Mislabeled specimens--Specimen Relabel Record. Which samples are considered difficult to collect vs. recollection required

Urinalysis:

Specimen Collection

Sample must be instrument ready. Must be in yellow top urine tube with proper label placement.

No cups please. Delays TAT.

No shared samples please. Delays TAT. Increases opportunity for lost samples.

Microscopic done if "Top" positive.

No add-on available to urine sample if microscopic done.

Color Interference--samples will be processed with manual methods.

Inquiries may be made to ext. #18064.

Coagulation:

PT, PTT, D-Dimer testing in Stat Lab. All other Coagulation tests sent to Coagulation #18084

QNS--samples must be FULL tubes. Blood to Anticoagulant Ratio (Citrate--Blue Tube)

Hemolyzed and Clotted samples will be cancelled.

Contaminated samples with heparin.

Heparin and coumadin information on patients will save a call. Inquiries may be made to ext. #80328

Hematology:

Proper sample collection--Lavender Top 75% full.

CBC with Diff. TAT 1 hour if manual differential necessary, otherwise 30 minutes.

Problems causing delays:

- Lipemic and Icteric Samples

- Clumped Platelets and Platelets <100

- High WBC and High Platelet Count

- Cold Agglutinins

- Redraws for Clotted Samples

Inquires may be made to ext. #83406 or #18080 for manual differential results.

Microbiology:

NO SHARED SAMPLES PLEASE!! All inquiries may be made to ext. #18090

Blood Bank:

Proper collection of samples

Need 10 ml tubes with no additives. Pink Tubes.

Samples may not be relabeled. If a sample arrives without a label, it MUST be recollected.

All inquiries may be made to ext. #19010.

Concerns or Questions??

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Automated Chemistry

DATE: 10/17/2014

EC Tour General Information

Control

Master electronic file stored on the Clinical Pathology server under
S:/Automated Chemistry/Document Control Library/AutoChem/LOP/Masters
Master printed document stored in Policy and Procedure Manual Core Lab

Number of Controlled Copies posted for educational purposes: 0

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Automated Chemistry Policy and Procedure Manual, Stat Lab

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