

IDENT	LAB200.024
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Title of Approving Official	Medical Director of Clinical Laboratories
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TITLE: Handling STAT Laboratory Testing Requests

SUBJECT: STAT Laboratory Testing Requests

PURPOSE: The following tests are available on a **STAT** basis and do not require pathologist approval.

POLICY STATEMENT: Provides a current listing of those tests which will (upon request) be performed on a “stat” or “urgent” priority.

DEFINITIONS: STAT testing is defined as laboratory testing required in order to immediately treat a patient. All tests on the STAT list are completed on the same day the samples are received.

PROCEDURE:

- 1) The majority of tests on the STAT list will be completed within one hour.
- 2) Tests that are requested STAT and are not on the STAT list will require approval from a Pathologist.
 - a) The accessioning area will notify the ordering provider that the requested test is not on the STAT list and give an estimated time of completion. The accessioning area will provide the client with the name and number of a Pathologist to approve testing to be performed STAT.
 - b) If accessioning area is unable to contact the ordering provider, the testing will be performed with the next testing run. A message will be entered in the LIS system that an attempt was made to contact the client. Accessioning area will also follow-up next day by contacting the client during regular business hours.
- 3) You have the option of having results called or faxed to your office instead of ordering testing STAT.
- 4) The inappropriate usage of requesting STAT testing affects the care of critically ill patients by delaying the turnaround time for STAT testing required to immediately treat them.
- 5) Some laboratory testing can not be offered STAT due to the amount of time it takes to process the sample. Examples are: microbiology cultures, cytogenetics testing, and tests sent out to reference laboratories.

LIST:

Blood Bank

Blood Group (ABO and Rh Type)
Cord Blood routine
Crossmatch of units
Transfusion Reaction Workup
Type and screen (with or without crossmatch)

Chemistry

Acetaminophen
Albumin
Alkaline Phosphatase
Ammonia
Amylase
ALT
AST
Bilirubin
Calcium
Calcium, ionized
Carbamazepine (Tegretol)
Carbon Dioxide
Carboxy Hemoglobin
Chloride
Cholesterol
CK
CKMB
Cortisol
Creatinine
CRP
Creatinine Clearance
Digoxin
Estradiol
Ethanol
Ethylene Glycol
Fetal Fibronectin
GGT
Gases — PH, PO₂, PCO₂
Gentamicin
Glucose
HCG
Iron-Iron Binding Capacity
Isopropanol — See Volatiles Screen
Lactic Acid
LDH
Lipase
Lithium
Magnesium
Methanol — See Volatiles Screen

Chemistry (Cont'd.)

Methemoglobin
Methotrexate
Mono
Osmolality – serum and urine
Oxygen Saturation
Phenobarbital
Phenytoin (Dilantin)
Phosphorus
Potassium
Progesterone
Protein, Total
Rapid HIV
Salicylate
Sodium
Theophylline
Tobramycin
Triglycerides
Troponin
TSH
Urea Nitrogen
Uric Acid
Urine Creatinine
Urine drugs of abuse (Amphetamine, Barbiturates, Benzodiazepines, Cannabinoids, Cocaine, Methadone, Opiates, Oxycodone)
Urine Electrolytes (Na, K, Cl)
Urine Glucose
Urine Pregnancy Test
Urine Total Protein
Valproate
Vancomycin
Volatiles Screen — Includes Ethanol, Methanol and Isopropanol

Hematology and Coagulation

Lamellar Body Count
PFA-100 (Platelet Function Analysis)
Body Fluid Cell Count
Crystals, Joint
D-Dimer
Fibrinogen, plasma
Hemagram (CBC)
CSF Cell Count
Hemagram and Differential (or any part-WBC HGB, HCT, Platelet)
Kleihauer-Betke (approval needed when ordered on evenings, nights and weekend shifts)
Sedimentation Rate
Partial Thromboplastin time (P.T.T.)
Prothrombin Time
Heparin Level (unfractionated, low molecular weight, fondaparinux)
TEG (Thrombelastograph)

Histology

Pneumocystis Smear — Pathologist on call must be initially involved before Histology is called in.

Microbiology

Fungal Smears (Day only)
Gram Smears (preparation & staining and STAT sterile fluids only on Night)
Wet Preps
AFB Smears
Malaria Smears

Urinalysis

Urinalysis
Urine pH

RESULT REPORTING

1. Inpatient stats and all other results are available through computer inquiry or in the patient medical record.
2. All outpatient stat values will be called to the ordering location and documented in the computer upon completion of the testing.

MONITORING PLAN: N/A

DEFINITIONS: N/A

RELATED POLICIES: N/A

REFERENCES:

College of American Pathologists, Commission on Laboratory Accreditation, 2016 edition.

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