

# Logan Health Medical Center

## Laboratory STAT Test List

It is the policy of the Logan Health Medical Center Laboratory to provide accurate and timely test results for all patients requiring laboratory testing and studies, as defined by their physicians. To facilitate this process, guidelines are defined for ordering specific tests as **STAT**, to assist providers in treating patients experiencing medical emergencies or life-threatening situations. This policy and included laboratory tests are reviewed and approved annually by the Laboratory Medical Director and the Medical Executive committee.

- **STAT** is a medical term used to imply urgent or rush.
- **STAT** tests should be ordered when patients are experiencing a Medical Emergency or Life-Threatening situation. **STAT** orders take priority over all routine testing and are resultated as expeditiously as possible.
- The inappropriate usage of STAT test ordering, inflates STAT testing volumes and causes unnecessary STAT orders to delay overall STAT test results. Thus, negatively impacting the care of critically ill patients.
- For tests ordered as STAT, the target turnaround time (TAT) is **one hour** from time of receipt in the laboratory processing department.
- Some tests have analytic times longer than one hour. Review the STAT test list below.
- Tests ordered from outpatient facilities may experience delays in the specimen transport time that will affect the time of receipt into the laboratory and overall STAT resulting time.

The following is the list of tests that have been approved and reviewed for STAT test priority. Tests that are not listed will be performed STAT only if the requesting physician has received approval by a Pathologist.

### HEMATOLOGY

CBC  
CBC w/Diff  
Cell Count  
ESR or Erythrocyte Sedimentation Rate  
Fetal Fibronectin  
P2Y12 Platelet Function  
Platelet Function Assay  
ROM Plus  
Urinalysis

### COAGULATION

D Dimer  
Fibrinogen  
Prothrombin Time (PT)  
Partial Thromboplastin Time (PTT)  
Anti - Xa

### BLOOD BANK

Crossmatch  
Direct Antiglobulin Test (DAT)  
Type and Screen

### SEROLOGY

CSF  
Mono  
Pregnancy Test – Urine or Serum

### MICROBIOLOGY

Antigen Testing on CSF and/or Urine  
Gram Stain  
Occult Blood  
GAS PCR  
Gastric Occult  
GBS PCR  
India Ink Prep  
Influenza A/B PCR

### MICROBIOLOGY

LPCB for Fungal Elements  
Malaria  
MRSA PCR  
MRSA/SA SSTI PCR  
PCT  
Rapid Strep  
RSV  
TB PCR  
Vaginosis Panel

### MOLECULAR DIAGNOSTICS

*Clostridium difficile*  
Group B Strep  
MRSA (**1.5 hour TAT**)

### CHEMISTRY

ABG  
Acetaminophen  
Alcohol  
Ammonia  
Amylase  
Estradiol (IVF Patients only) (**90 MIN TAT**)  
Basic Metabolic Panel  
Gentamicin  
HCV (Exposures only, **2 hour TAT**)  
HBsAG (Exposures only, **2 hour TAT**)  
HIV 1.2 (Exposures only, **90 MIN TAT**)  
Lactic Acid  
Basic Metabolic Panel (BMP)  
Electrolytes  
*Glucose, BUN, Creatinine, Calcium*  
B-HCG  
Carbamazepine  
Carboxyhemoglobin

### CHEMISTRY

Cardiac Markers  
*CK, CK-MB, Myogl, Trop I*  
Comprehensive Metabolic Panel (CMP)  
*BMP, T.Bili, T.Prot/Alb, AST/ALT, AlkP*  
Liver Panel  
*T Prot/Alb, T&D Bili, AST,ALT, AlkP, GGT*  
CRP Quant  
CSF (Glucose and Protein)  
Digoxin  
Dilantin  
Drug Screen Urine  
Electrolytes, Serum (NA, K, CL, CO2)  
Electrolytes, Urine (NA, K+)  
Free T4  
LDH  
Lipase  
Lithium  
Magnesium  
Methemoglobin  
NT – pro BNP  
Osmolality  
Phenobarbital  
Phosphorus  
Prolactin  
Salicylate  
T4  
Theophylline  
TSH  
Uric Acid  
Valproic Acid  
Vancomycin