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 resulted as expediently 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 that 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

### 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
- Cardiac Markers
  - CK, CK-MB, Myog, 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

### 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

### 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