

# STAT Testing

Most commonly requested laboratory tests are available on a STAT basis. STAT testing provided by CentraCare Laboratory Services (CCLS) includes the following tests and approximate times in which results will be available in bona fide emergencies. Emphasis on reliability of results remains the highest priority in laboratory testing. Indicated turnaround times (TAT) represent the average time involved from the time the physician places the order until the test result is reported in the computer. Therefore, the average amount of time for the following tasks is included in the TAT listed.

1. Physician's placement of order
2. Computerized order entry to the laboratory
3. Specimen procurement
4. Pre-analytic specimen preparation in the laboratory
5. Incubation
6. Analysis
7. Result validation and reporting

<b>Approximate STAT Testing Turn Around Time (TAT)</b>	
<b>Transfusion Service</b>	
Test	Approximate TAT
ABO and Rh	35 minutes
Antibody Screen	90 minutes
Antibody Identification	2 to 4 hours
Direct Antiglobulin Test (DAT)	30 minutes
Fetal Cell Stain (Kleihauer-Betke)	90 minutes
Rh Immune Globulin	90 minutes
Type and Screen	90 minutes
<b>Blood Products</b>	
Test	Approximate TAT
Cryoprecipitate-for every 10 units	45 minutes
Red Blood Cells	90 minutes
Fresh Frozen Plasma	45 minutes
Platelets-Random or Apheresis (if stock available at CCLS)	30 minutes
Blood Products to Health Plaza	3 hours
<b>Additional time is needed for irradiation and antibody Identification.</b>	

<b>Chemistry</b>	
<b>Test</b>	<b>Approximate TAT</b>
Acetaminophen	60 minutes
Alkaline Phosphatase	60 minutes
Ammonia	60 minutes
Amylase	60 minutes
Bilirubin	60 minutes
Blood Gases	15 minutes
Blood Alcohol	60 minutes
BUN	60 minutes
Calcium	60 minutes
Carbamazepine (Tegretol)	60 minutes
Carbon Monoxide	30 minutes
Basic Chemistry Profile	60 minutes
Cholesterol	60 minutes
Comprehensive Metabolic Profile	60 minutes
CPK, LDH, CKMB	60 minutes
Creatinine	60 minutes
Digoxin	90 minutes
Electrolytes	60 minutes
Fetal Lung Maturity	90 minutes
Gentamycin	60 minutes
GGT	60 minutes
Glucose	45 minutes
Lactic Acid	60 minutes
Lipase	60 minutes
Liver Function Panel	60 minutes
Methotrexate	60 minutes
Phenobarbital	60 minutes
Phosphorus	60 minutes
Pregnancy Test	45 minutes
Salicylate	60 minutes
ALT, AST	60 minutes
Tobramycin	60 minutes
Total Protein/Albumin	60 minutes
Toxicology Drug Screen	1 to 2 hours
Triglycerides	60 minutes
TroponinI	90 minutes
Valproic Acid	60 minutes
Vancomycin	60 minutes

<b>Coagulation</b>	
<b>Test</b>	<b>Approximate TAT</b>
APTT	60 minutes
D-Dimer	60 minutes
Fibrinogen, Quantitative	60 minutes
P2Y12 Inhibitor	60 minutes
Platelet Function Analysis (PFA)	45 minutes
Prothrombin Time	60 minutes
Thrombin Time	60 minutes

<b>Urinalysis</b>	
<b>Test</b>	<b>Approximate TAT</b>
Amnisure Kit	45 minutes
Dipstick Only	25 minutes
Occult Blood	30 minutes
Pregnancy Test	45 minutes
Dipstick with Microscopic Exam of Centrifuged Sediment	40 minutes

<b>Hematology</b>	
<b>Test</b>	<b>Approximate TAT</b>
WBC	45 minutes
RBC	45 minutes
Hemoglobin	45 minutes
Hematocrit	45 minutes
MCV	45 minutes
MCH	45 minutes
MCHC	45 minutes
Platelet Count	45 minutes
Differential	60 minutes
Sedimentation Rate	60 minutes
CSF Cell Count	45 minutes
CSF Differential	60 minutes
Body Fluid Cell Count and Differential	60 minutes

**Numerical parameters (all or any combination unconfirmed by smear evaluation)**

<b>Microbiology</b>	
<b>Test</b>	<b>Approximate TAT</b>
<i>Cryptococcus</i> Antigen, Spinal Fluid	90 minutes
Gram Stain	45 minutes
KOH Prep	45 minutes
RSV	30 minutes
Strep Screen Group A, Throat	30 minutes
<i>Trichomonas</i> Prep	45 minutes
Influenza A/B	30 minutes

<b>Serology/Immunology</b>	
<b>Test</b>	<b>Approximate TAT</b>
Monospot	60 minutes