

# STAT TESTS

## Purpose

The Laboratory has two criteria (routine and STAT) for designating the urgency of results for patient care. STAT lab specimens come to the laboratory by the same mechanisms as routine; either via the pneumatic tube system or hand delivered. Historically, there are some areas in the hospital (i.e., ED, ICU, OR) that order nearly all of their lab work as STAT. Unfortunately, when all work is ordered STAT, then laboratory staff cannot distinguish which takes priority. Frequently the STAT order is associated with a STAT collection and testing can be performed on a routine basis. All STAT collections are honored by the phlebotomy team. This document identifies testing that will be performed on a STAT basis. If a provider needs a test result for a test not included on the STAT List, pathologist approval is required.

**Not all tests performed at all subsidiary Labs, although they can be ordered STAT.**

**TAT will be determined on performing Laboratory receipt of specimen.**

## Chemistry Test STAT List

**ONLY** the following test are available on a STAT basis: **(45 minute TAT, unless otherwise noted):**

ABG	<i>Oxycodone, Phencyclidine, Propoxyphene, THC</i>
Acetaminophen (ACTM)	<i>Carboxylic Acid, Tricyclic Antidepressants</i>
Acetone	Digoxin
Albumin (ALB)	Electrolyte Panel
Alcohol (Ethanol)	Gentamicin
Alkaline Phosphatase (ALP)	HCG, Beta Quantitative (1 hour TAT)
Alanine Aminotransferase (ALT)	Hepatitis B Surface Ag for OB ONLY (1 hour TAT)
Ammonia	HIV, expedited ONLY (1 hour TAT)
Aspartate Aminotransferase (AST)	Lactate
Bilirubin, Direct	Lipase
Bilirubin, Total	Lithium
Blood Urea nitrogen (BUN)	Magnesium
BNP (Brain Natriuretic Peptide)	O2 content
BOHB (Beta-Hydroxy Butyrate)	O2 Saturation (measured)
C Reactive Protein, Inflammatory	Osmolality
Calcium	pH (body fluids)
Carbon dioxide (CO2)	Phenytoin
Carbon monoxide (CO)	Potassium
Chloride	Protein, Total
Creatinine	PTH (Parathyroid Hormone) for OR ONLY
CSF (Glu, Lac, Protein)	Salicylate
Drug screen ( <i>Amphetamines, Barbiturates, Benzodiazepines, Buprenorphine, Cocaine, Methadone, Methamphetamines Opiates,</i>	Sodium
	hsTroponin I
	TSH (Thyroid Stimulating Hormone) (1 hour TAT)
	Vancomycin

## Hematology Test STAT List

**ONLY** the following test are available on a STAT basis: **(45 minute TAT, unless otherwise noted):**

CBC	PT
CBC with auto differential	PTT
CSF Cell Count (1 hour TAT)	Reticulocyte count
D-dimer	Serum pregnancy for ED, Radiology, and OR ONLY
Fibrinogen	Urinalysis
FFN (Fetal Fibronectin) (1 hour TAT)	Urinalysis with reflex to culture if positive
FOBT (Fecal Occult Blood)	Urinalysis, macroscopic only
Hematocrit	Urinalysis, microscopic
Hemoglobin	Urine pregnancy
Platelet count	WBC count

## Microbiology/Serology STAT List

**ONLY** the following test are available on a STAT basis:

COVID (molecular)	Malaria stain (1 hour TAT)
Cryptococcal antigen	Rapid Beta Strep
Expedited HIV (Only as a backup)	RSV
Gram stain	Wet Prep
Fungal stain (1 hour TAT)	

## Blood Bank STAT List

**ONLY the following procedures are to be considered STAT when ordered as such. 45 minute TAT may vary depending on results of the original test ordered.**

Type and Screen  
Type and Crossmatch  
Transfusion Reaction Workup  
Infant Group and Rh for suspected HDN workup  
Ordering, processing and preparation of all components and transplant tissue.  
Special procedures depending on the needs of the patient. This may include antibody identification, absorptions, elutions, phenotyping, antibody titers, and inhibition/neutralization studies.  
Emergency issue of blood products