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

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Hematology Test STAT List

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

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

Microbiology/Serology STAT List

ONLY the following tests are available on a STAT basis:

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

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

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