



This information is applicable to acute care facilities.

- A stat test should only be requested when it directly affects patient care in an urgent or medical emergency circumstance.
- The tests listed below are available on a stat basis without further approval.
- Stat testing of any other test requires approval by the respective laboratory medical/scientific staff.

Clinicians may obtain approval as follows:

- Calgary and Edmonton Zones: use [Regional On Call Application \(ROCA\)](#).
- Central, North and South Zones: call the General Pathologist or Regional Microbiologist on Call as appropriate through facility switchboard.

Notes:

- Tests indicated with an asterisk* are available at all acute and urgent care sites. Turnaround time for other tests may be greater than 90 minutes from the time the specimen is collected to the time results are verified if offsite transport is required.
- If stat transportation is required for tests not performed on site, contact the laboratory to discuss. Refer to the [APL Test Directory](#) to determine testing locations.

General Chemistry

Alanine Aminotransferase (ALT)
Albumin
Alkaline Phosphatase (ALP)
Ammonia
Bilirubin, Total
Bilirubin, Total and Conjugated
Beta hCG, Quantitative
Beta-Hydroxybutyrate (BOH)
C-Reactive Protein (CRP)
Calcium
Calcium, Ionized
Carbon Dioxide (CO2)
Carboxyhemoglobin
Chloride (Cl) *
Creatinine*
Creatine Kinase (CK)
Electrolyte Panel*
Gamma Glutamyl Transferase (GGT)
Glucose, Random*
HIV Serology by Rapid Assay BBFE
HIV Serology by Rapid Assay
Iron Overdose
Lactate
Lactate Dehydrogenase (LD)
Lipase
Magnesium
Methemoglobin
B-Natriuretic Peptide
(BNP or NT-ProBNP)
Osmolality
Parathyroid Hormone, Intraoperative
(IOPTH)
Phosphate
Potassium*
Rapid Syphilis and HIV
Sodium*
Total Protein
Triglycerides (For patients
under 4 months of age)

General Chemistry

Troponin
Urate
Urea

Blood Gases

Blood Gas, Arterial
Blood Gas, Venous
Blood Gas, Arterial, Cord
Blood Gas, Venous, Cord
Blood Gas, Capillary
pH Cord Arterial
pH Cord Venous

Fluids

Cell Count, Body Fluid
Cell Count, CSF
Glucose, CSF
Protein, CSF

Therapeutic Drug Monitoring

Carbamazepine
Digoxin
Lithium
Methotrexate Level
Phenobarbital Level
Phenytoin Level, Total
Theophylline Level
Valproate Level

**Therapeutic Drug Monitoring
Alberta Kidney Care Sites Only**

Amikacin Level
Gentamicin Level
Tobramycin Level
Vancomycin Level

Toxicology

Acetaminophen Level
Alcohol Panel (Ethylene Glycol, Methanol,
Isopropanol and Acetone)
Ethanol Level
Salicylate Level

Urine

Creatinine, Urine, Random
Chloride, Urine, Random
Electrolyte Panel, Urine, Random
Osmolality, Urine
Potassium, Urine, Random
Pregnancy Test, Urine
Protein Total, Urine, Random
Sodium, Urine, Random
Urinalysis

Hematology

Anti-Xa Heparin Level
CBC*
CBC and Differential*
D-Dimer
Fibrinogen
Hemoglobin*
Mononucleosis Screen
Partial thromboplastin Time (PTT)
Platelet Count*
INR

Transfusion Medicine

Postnatal Evaluation
RHIG Eligibility, Prenatal
Transfusion Reaction Investigation
Type and Screen

Microbiology

Blood/Body Fluid Exposure
(BBFE) Serology Panel
CSF Culture, Routine
Malaria

For APL Patient Service Centre patients, refer to [Community Stat List](#)