



This information is applicable to Emergency or Inpatients in the Calgary Zone.

- 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 of the respective laboratory physician.

Clinicians may contact the following at any time:

	Contact	Phone Number
Biochemistry testing	Clinical Biochemist on call	368-995-5806
Hematology testing	Regional On Call Application -Calgary Zone (ROCA)	
Microbiology testing	Microbiologist on call	403-770-3757
Public Health (Prov Lab) Microbiology testing (e.g. virology, serology)	Microbiologist or Virologist on call	403-944-1110

General Chemistry		
Alanine Aminotransferase (ALT)	Creatine Kinase (CK)*	Methemoglobin
Albumin	Electrolytes (Na, K, Cl)	NT-Pro BNP*
Alkaline Phosphatase (ALP)	Gamma Glutamyl-Transferase (GGT)	Osmolality*
Ammonia (NH4)*	Glucose	Overdose Iron*
Bilirubin, Direct	Human Immunodeficiency Virus (HIV)	Phosphate
Bilirubin, Total	Serology, Rapid (occupational exposure to HIV, high risk prenatal, acutely ill patient)*	Potassium (K)
Bilirubin, Neonatal		Pseudocholinesterase*
Beta HCG, Serum (Quantitative)*		Sodium (Na)
Calcium	Ketones*	Total Protein*
Calcium, Ionized*	Lactate	Triglycerides, Neonatal*
Carbon Dioxide (CO2)	Lactate Dehydrogenase (LD)	Troponin (TNT/TNI)*
Carboxyhemoglobin	Lipase	Urea
Chloride (Cl)	Magnesium*	Urate*
Creatinine		
Therapeutic Drug Monitoring		
Amikacin*	Lithium*	Tobramycin*
Carbamazepine*	Methotrexate*	Valproate (Valproic Acid)*
Digoxin*	Phenytoin (Dilantin)*	Vancomycin*
Gentamicin*		
Fluids		
Cell Count – all fluids except CSF*	CSF – Cell Count*	CSF – Protein*
Lactate Dehydrogenase – Fluid*	CSF – Glucose*	CSF – Lactate*
Urine		
Beta HCG, Urine (Qualitative)	Electrolytes (Na, K, Cl)*	Urinalysis
Creatinine, Random*	Osmolality*	
Toxicology		
Acetaminophen*	Ethylene Glycol*	Methanol*
Ethanol*	Isopropanol*	Salicylate*



Hematology		
CBC/CBCD	APTT	D-Dimer
Hgb/Hct	Anti-Xa (Apixaban, Rivaroxaban, LMWH, Unfractionated Heparin)	G6PD*
Platelet Count		Monotest
Prothrombin Time/INR (PT)	Fibrinogen*	Sickle Cell Screen*
Transfusion Medicine		
Pre-Transfusion Testing (includes type and screen and crossmatch)	Transfusion Reaction Investigation	RHIG Eligibility
Microbiology		
Gram Stain*	Malarial Smear*	
Blood Gases		
Blood Gas, Arterial	Blood Gas, Cord Blood	Blood Gas, Venous
Blood Gas, Capillary	Blood Gas, Fetal Scalp	

* Performed at select Acute Care Sites, Health Centre Testing Laboratories and/or the Diagnostic and Scientific Centre (DSC). Turnaround time may be greater than 90 minutes from time specimen is collected to time results are verified if transport is required.

Community Patients

Refer to [Community Stat List](#) and use the following table:

	Contact	Phone Number
Biochemistry, Hematology, and Pathology	Pathologist on call	403-860-1802
Microbiology	Microbiologist on call	403-770-3757