

North Bay Regional Health Centre

Laboratory Services Menu of Tests Performed On-Site

Hematology

Complete Blood Count (CBC)	Kleihauer-Betke Stain
Erythrocyte Sedimentation Rate (ESR)	Malaria
Hemoglobin Solubility (Sickling) Screen	Reticulocyte Count
Bone Marrow Aspiration and Biopsy	

Coagulation

aPTT	Platelet Function Test
D-Dimer	Prothrombin Time (INR)
Fibrinogen	Thrombin Time

Biochemistry

Albumin	Glucose Tolerance (50g / 75g)
Alkaline Phosphatase (ALP)	HDL & LDL Cholesterol
Alanine Amino Transferase (ALT)	Hemoglobin A1c
Ammonia	Hepatitis Screen – Acute
Anion Gap	Hepatitis Screen – Chronic
Aspartate Amino Transferase (AST)	Iron
β -Hydroxybutyric Acid (Ketone Bodies)	Lactic Acid
Bilirubin - Adult	Lactate Dehydrogenase (LDH)
Bilirubin - Neonate	Lipase
Basic Metabolic Panel (BMP)	Lipids Profile
Calcium	Liver Function Tests (LFT)
Cholesterol	Magnesium
Creatine Kinase (CK)	Phosphorus
C-Reactive Protein (CRP)	Total Protein
Creatinine / eGFR	Transferrin
CSF Glucose & Total Protein	Triglycerides
Electrolytes (Na, K, Cl, CO ₂)	High Sensitivity Troponin-I (hsTNI)
Gamma-glutamyl Transferase (GGT)	Urea
Glucose	Uric Acid

Blood Gases

Arterial Blood Gases (ABG)	Central Mixed VBG
Arterial Blood Gases - Cord	Methemoglobin - Arterial
Capillary Blood Gases	Methemoglobin - Venous
Carboxyhemoglobin - Arterial	Venous Blood Gases (VBG)
Carboxyhemoglobin - Venous	Venous Blood Gases - Cord
Calcium - Ionized	

Serology

Crystals – Synovial Fluid	Stool For Occult Blood
Fetal Fibronectin	Gastric Occult Blood
β HCG Qualitative - Serum	Immunofixation Electrophoresis (IFE)
β HCG Qualitative - Urine	Mono Test
Serum Protein Electrophoresis (SPE)	Serum Osmolality

Special Chemistry

Cortisol	Hepatitis B Surface Antigen
Ferritin	Intact Parathyroid Hormone (iPTH)
Folate	Luteinizing Hormone (LH)
Follicle Stimulating Hormone (FSH)	Prolactin
Free T4	Prostate Specific Antigen (PSA) - Total
Free T3	Thyroid Stimulating Hormone (TSH)
βHCG - Quantitative	Vitamin B12
	Vitamin D

Drug Monitoring

Acetaminophen	Phenytoin (Dilantin)
Carbamazepine	Salicylate
Digoxin	Valproic Acid
Ethanol	Vancomycin – Trough
Gentamicin	Urine Drug Screen – Rapid
Lithium	

Body Fluids

Cerebrospinal Fluid (CSF)	Pleural Fluid
• Glucose	• Albumin
• Total Protein	• Creatinine
Peritoneal Fluid	• Glucose
• Albumin	• LDH
• Bilirubin	• Lipase
• Creatinine	• Total Protein
• Glucose	• Triglycerides
• LDH	Renal Dialysate
• Lipase	• Creatinine
• Total Protein	• Glucose
	• Urea

Random Urine

Calcium - Random Urine	Sodium - Random Urine
Creatinine - Random Urine	Urea - Random Urine
Magnesium - Random Urine	Uric Acid - Random Urine
Microalbumin - Random Urine	Urinalysis
Phosphorus - Random Urine	Urine Microscopic
Potassium - Random Urine	Urine Osmolality
Protein - Random Urine	

24 Hour Urine

Calcium – 24h Urine	Phosphorous – 24h Urine
Creatinine – 24h Urine	Potassium – 24h Urine
Creatinine Clearance 24h Urine	Protein – 24h Urine
Creatinine Clearance - Pediatric	Sodium – 24h Urine
Glucose – 24h Urine	Urea – 24h Urine
Magnesium – 24h Urine	Uric Acid – 24h Urine

Transfusion Medicine

ABO Indirect Antiglobulin Test	Antibody Screen
Blood Group	Transfusion Reaction Screen
Cold Agglutinin Screen	Transfusion Reaction Investigation
Cold Agglutinin Titre	Warm Agglutinin Titre
Packed Red Blood Cells	Warm Antibody ID
Direct Antiglobulin Test (DAT)	Cord Blood Group
Fetal Maternal Hemorrhage (FMH) Screen	Cord Blood DAT
Phenotyping – Antigen Identification	

Microbiology and Virology

Abscess / Aspirate Culture	Miscellaneous Culture
Blood Culture	MRSA Screen
Blood Culture – Single Set	MRSA/VRE Surveillance
Blood Culture – Endocarditis	Mouth Swab
Body Fluids Culture	Nasal Culture
Bone Marrow Culture	Neisseria Gonorrhoeae Culture
Bone Allograft Culture	Peritoneal Dialysis Effluent
Bone Flap Culture	Peritoneal Fluid Cell Count
Corona Virus Disease 2019	Pleural Fluid Cell Count
C. Difficile	Rapid Strep A Test
CPE Screen	Respiratory Culture
Cerebrospinal Fluid (CSF) Cell Count	Respiratory Complex PCR Panel
Cerebrospinal Fluid (CSF) Culture	Rapid SARS CoV-2 RNA
Dialysate Cell Count	Seminal Fluid Culture
Drainage Fluid Culture	Sinus Culture
Ear Culture	Sputum Culture
ESBL Screen	Stool Culture
Epiglottitis Swab Culture	Synovial Fluid Cell Count
Eye Culture	Throat Culture
Group B Strep Screen	Tissue Biopsy Culture
Gram Stain	Urine Culture
IV Catheter Tip Culture	Vaginal Screen
Intrauterine Device Screen	VRE Screen
Meningitis/Encephalitis PCR	Wound Culture

Anatomical Pathology and Cytology

Gynecological Cytology (PAP Test)	Non-Gynecological Cytology
Tissue for Surgical Pathology	