



**DIAGNOSTIC ACCREDITATION PROGRAM**

College of Physicians and Surgeons of BC  
 300-669 Howe Street  
 Vancouver BC V6C 0B4  
 www.cpsbc.ca

Telephone: 604-733-7758  
 Toll free: 1-800-461-3008 (in BC)  
 Fax: 604-733-3503

**Laboratory Medicine – Scope of Accreditation**

<b>Facility name</b>	MacKenzie and District Hospital and Health Centre
<b>Facility address</b>	45 Centennial Drive, MacKenzie B.C. V0J 2C0
<b>Facility code</b>	0312LM
<b>Corporate entity/health authority</b>	Northern Health Authority

<b>Accreditation</b>	Full Accreditation
<b>Effective date</b>	2020-02-07
<b>Expiry date</b>	2024-09-10
<b>Laboratory Standard</b>	Version 1.4

**Services** The College of Physicians and Surgeons of BC Diagnostic Accreditation Program accredits the capability of the named facility to perform the listed services and examinations/procedures.

DAP Scope Classification	Examination (Analyte/Procedure)	Examination – Other (Analyte/Procedure) (Specify)	Methodology/principle	Methodology/principle – Other (Specify)	Sample Type	Sample Type – Other (Specify)
Chemistry	Acetaminophen		Enzyme immunoassay		Blood - Serum	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Serum	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Serum	
chemistry	Amphetamine		Lateral Flow Immunoassay		Urine	
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Serum	
Chemistry	Barbiturates		Lateral Flow Immunoassay		Urine	
Chemistry	Benzodiazepines		Lateral Flow Immunoassay		Urine	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Serum	
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
Chemistry	Calcium, total		Spectrophotometry		Blood - Serum	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
Chemistry	Chloride		Potentiometry		Blood - Venous whole blood	
chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	CO2, total		Potentiometry		Blood - Venous whole blood	
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	

Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Serum
Chemistry	Creatinine		Colorimetric		Blood - Serum
Chemistry	Creatinine		Amperometry		Blood - Venous whole blood
Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine
Chemistry	Fetal fibronectin (fFN)		Immunochemistry		Swab
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Serum
Chemistry	Glucose		Spectrophotometry		Blood - Serum
Chemistry	Glucose		Amperometry		Blood - Venous whole blood
Chemistry	Glucose		Spectrophotometry		CSF
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine
Chemistry	Lactate		Spectrophotometry		Blood - Plasma
Chemistry	Lactate		Amperometry		Blood - Venous whole blood
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Serum
Chemistry	Lipase		Colorimetric		Blood - Serum
Chemistry	Magnesium		Colorimetric		Blood - Serum
Chemistry	Methadone		Lateral Flow Immunoassay		Urine
Chemistry	Methadone metabolite (EDDP)		Lateral Flow Immunoassay		Urine
Chemistry	Methamphetamine		Lateral Flow Immunoassay		Urine
Chemistry	Methylenedioxy-methamphetamine (MDMA)		Lateral Flow Immunoassay		Urine
Chemistry	Occult blood – automated/manual		Other, specify	Immunochemical	Stool
Chemistry	Opiates		Lateral Flow Immunoassay		Urine
Chemistry	Other, specify	eGFR	Other, specify	Calculated	Blood - Serum
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine
Chemistry	Potassium		Ion Selective Electrode		Blood - Serum
Chemistry	Potassium		Potentiometry		Blood - Venous whole blood
Chemistry	Protein, total		Turbidimetry		CSF
Chemistry	Protein, total		Turbidimetry		Urine
Chemistry	Salicylate		Spectrophotometry		Blood - Serum
Chemistry	Sodium		Ion Selective Electrode		Blood - Serum
Chemistry	Sodium		Potentiometry		Blood - Venous whole blood
chemistry	Triglycerides		Colorimetric		Blood - Serum
Chemistry	Troponin I/Troponin T		Immunoassay		Whole blood
Chemistry	Urea		Spectrophotometry		Blood - Serum
Chemistry	Urea		Amperometry		Blood - Venous whole blood

Chemistry	Urinalysis, macroscopic		Dipstick		Urine	
Chemistry	Urinalysis, microscopic		Microscopy - Phase contrast		Urine	
Hematology	Activated partial thromboplastin time (aPTT)		Other, specify	Mechanical Clot detection	Blood - Plasma	
Hematology	Blood parasite identification		Microscopy - Bright Field		Blood - Venous whole blood	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Cerebrospinal	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Synovial	
Hematology	Cell identification / morphology		Microscopy - Bright Field		Blood - Venous whole blood	
Hematology	Complete Blood Count (CBC) - WBC, RBC,		Flow cytometry & Impedance		Blood - Venous whole blood	
Hematology	D-dimer		Immunoassay		Blood - Venous whole blood	
Hematology	Erythrocyte sedimentation rate (ESR)		Westergren method		Blood - Venous whole blood	
Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Venous whole blood	
Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma	
Hematology	Semen analysis – count, presence/absence, motility, morphology		Microscopy - Bright Field		Semen	
POCT	Glucose		Electrochemistry		Other, specify	Capillary- Whole blood
POCT	Urinalysis, macroscopic		Dipstick		Urine	
Sample Collection	Sample Collection		Venous and Capillary		Blood - Venous whole blood	
Sample Collection	Sample Processing		Receipt, accessioning, storage, transportation		Blood, fluids, stool, tissues, swabs, foreign bodies	
Transfusion Medicine	ABO grouping	ON HOLD- CLXT Model Jan 2021	Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Compatibility testing	ON HOLD- CLXT Model Jan 2021	Crossmatch - serological		Blood - Plasma	
Transfusion Medicine	Direct antiglobulin test (DAT)	ON HOLD- CLXT Model Jan 2021	Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Rh (D) typing	ON HOLD- CLXT Model Jan 2021	Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Store and Issue Blood Products					
Transfusion Medicine	Unexpected antibody detection	ON HOLD- CLXT Model Jan 2021	Serological examination		Blood - Plasma	