



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC

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Laboratory Medicine – Scope of Accreditation

Facility name	Wrinch Memorial Hospital
Facility address	2510 Hwy 62, Hazelton, BC, V0J 1Y0
Facility code	0326LM
Corporate entity/health authority	Northern Health Authority
Accreditation	Full Accreditation
Effective date	2021-08-13
Expiry date	2026-03-02
Laboratory Standard	Version 1.5

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)
Sample Collection	Sample Collection		Venous and Capillary		Whole Blood	
Sample Collection	Sample Processing		Receipt, accessioning, storage, transportation		Blood, fluids, stool, tissues, swabs, foreign bodies	
Chemistry	Acetaminophen		Enzyme immunoassay		Blood - Serum	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Plasma	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Serum	
Chemistry	Albumin		Spectrophotometry		Blood - Serum	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Plasma	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Serum	
Chemistry	Amphetamine		Lateral Flow Immunoassay		Urine	
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Plasma	
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Serum	
Chemistry	Barbiturates		Lateral Flow Immunoassay		Urine	
Chemistry	Benzodiazepines		Lateral Flow Immunoassay		Urine	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Serum	
Chemistry	Bilirubin, total		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Arterial whole blood	

Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Blood - Arterial whole blood	
Chemistry	Calcium, total		Spectrophotometry		Blood - Plasma	
Chemistry	Calcium, total		Spectrophotometry		Blood - Serum	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Chloride		Ion Selective Electrode		Blood - Plasma	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, LDL		Other, specify	Calculated	Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
Chemistry	CO2, total		Potentiometry		Blood - Arterial whole blood	
Chemistry	CO2, total		Spectrophotometry		Blood - Plasma	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	CO2, total		Potentiometry		Blood - Venous whole blood	
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
Chemistry	C-reactive protein (CRP)		Turbidimetry		Blood - Plasma	
Chemistry	C-reactive protein (CRP)		Turbidimetry		Blood - Serum	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Plasma	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Blood - Plasma	
Chemistry	Creatinine		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Electrochemistry		Blood - Venous whole blood	
Chemistry	Ethanol		Spectrophotometry		Blood - Serum	
Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Plasma	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Serum	
Chemistry	Glucose		Spectrophotometry		Blood - Plasma	
Chemistry	Glucose		Spectrophotometry		Blood - Serum	
Chemistry	Glucose		Spectrophotometry		Fluid - Cerebrospinal	

Chemistry	Glucose		Spectrophotometry		Fluid - Pericardial	
Chemistry	Glucose		Spectrophotometry		Fluid - Peritoneal	
Chemistry	Glucose		Spectrophotometry		Fluid - Pleural	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Lactate		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate		Spectrophotometry		Fluid - Cerebrospinal	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Blood - Plasma	
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	Morphine		Lateral Flow Immunoassay		Urine	
Chemistry	Other, specify	HCO3 - Bicarb	Other, specify	Calculated	Blood - Arterial whole blood	
Chemistry	Other, specify	Saturated O2	Other, specify	Calculated	Blood - Arterial whole blood	
Chemistry	Other, specify	HCO3 - Bicarb	Other, specify	Calculated	Blood - Venous whole blood	
Chemistry	Other, specify	Tricyclic Antidepressants	Lateral Flow Immunoassay		Urine	
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine	
Chemistry	Phosphorus		Spectrophotometry		Blood - Plasma	
Chemistry	Phosphorus		Spectrophotometry		Blood - Serum	
Chemistry	Potassium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Potassium		Ion Selective Electrode		Blood - Serum	
Chemistry	Potassium		Potentiometry		Blood - Venous whole blood	
Chemistry	Protein, total		Turbidimetry		Blood - Plasma	
Chemistry	Protein, total		Turbidimetry		Blood - Serum	
Chemistry	Protein, total		Turbidimetry		Fluid - Cerebrospinal	
Chemistry	ROM - Fetal fibronectin (FN)		Immunochromatography		Other, specify	Cervicovaginal secretion

Chemistry	Salicylate		Spectrophotometry		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Sodium		Ion Selective Electrode		Blood - Serum	
Chemistry	Sodium		Potentiometry		Blood - Venous whole blood	
Chemistry	Triglycerides		Colorimetric		Blood - Plasma	
Chemistry	Triglycerides		Colorimetric		Blood - Serum	
Chemistry	Troponin T		Lateral Flow Immunoassay		Blood - Venous whole blood	
Chemistry	Urea		Spectrophotometry		Blood - Plasma	
Chemistry	Urea		Spectrophotometry		Blood - Serum	
Chemistry	Uric acid		Colorimetric		Blood - Plasma	
Chemistry	Uric acid		Colorimetric		Blood - Serum	
Chemistry	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine	
Chemistry	Urinalysis, microscopic		Microscopy - Phase contrast		Urine	
Hematology	Activated partial thromboplastin time (aPTT)		Other, specify	Clotting, chromogenic, immunologic	Blood - Plasma	
Hematology	Blood parasite identification		Routine Blood Cell staining (example: Wright/Giemsa)		Blood - Venous whole blood	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Cerebrospinal	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Pericardial	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Peritoneal	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Pleural	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Synovial	
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Blood - Venous whole blood	
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Cerebrospinal	
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Pericardial	
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Peritoneal	
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Pleural	
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Synovial	
Hematology	Complete Blood Count (CBC) - WBC, RBC, Hb, HCT, MCV, MCH, MCHC, RDW, Platelet Count, PDW, WBC Absolute Differential		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood	
Hematology	D-dimer		Immunochromatography	This methodology was changed based on 2016 pre-assessment	Blood - Venous whole blood	
Hematology	Erythrocyte sedimentation rate (ESR)		Modified Westergren method		Blood - Venous whole blood	
Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma	
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Bright Field		Semen	
Hematology	WBC differential – manual		Microscopy - Bright Field		Blood - Venous whole blood	

Microbiology	Gram stains		Microscopy - Bright Field		Fluid - Cerebrospinal	
Microbiology	Gram stains		Microscopy - Bright Field		Fluid - Pericardial	
Microbiology	Gram stains		Microscopy - Bright Field		Fluid - Peritoneal	
Microbiology	Gram stains		Microscopy - Bright Field		Fluid - Pleural	
Microbiology	Gram stains		Microscopy - Bright Field		Fluid - Synovial	
POCT	Glucose		Electrochemistry		Other, specify	Capillary- whole blood
POCT	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Transfusion Medicine	ABO grouping		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Antibody screening		Serological - Gel		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - serological		Blood - Plasma	
Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Manual		Blood - Red Cells	
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Store and Issue Blood Products					