



**DIAGNOSTIC ACCREDITATION PROGRAM**

College of Physicians and Surgeons of BC

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**Laboratory Medicine – Scope of Accreditation**

<b>Facility name</b>	Fort Nelson General Hospital
<b>Facility address</b>	5315 Liard Street, Fort Nelson, BC, V0C 1R0
<b>Facility code</b>	0304LM
<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>	2024-06-04
<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)
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 - Serum	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Plasma	
Chemistry	Albumin		Colorimetric		Blood - Serum	
Chemistry	Albumin		Colorimetric		Blood - Plasma	
Chemistry	Albumin		Colorimetric		Fluid - Peritoneal	
Chemistry	Albumin		Colorimetric		Fluid - Pleural	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Serum	

Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Plasma
Chemistry	Amphetamine		Lateral Flow Immunoassay		Urine
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Serum
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Plasma
Chemistry	Barbiturates		Lateral Flow Immunoassay		Urine
Chemistry	Benzodiazepines		Lateral Flow Immunoassay		Urine
Chemistry	Bilirubin, direct		Colorimetric		Blood - Serum
Chemistry	Bilirubin, direct		Colorimetric		Blood - Plasma
Chemistry	Bilirubin, direct	Neonatal	Colorimetric		Blood - Serum
Chemistry	Bilirubin, direct	Neonatal	Colorimetric		Blood - Plasma
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum
Chemistry	Bilirubin, total		Colorimetric		Blood - Plasma
Chemistry	Bilirubin, total		Colorimetric		Fluid - Peritoneal
Chemistry	Bilirubin, total		Colorimetric		Fluid - Pleural
Chemistry	Bilirubin, total	Neonatal	Colorimetric		Blood - Serum
Chemistry	Bilirubin, total	Neonatal	Colorimetric		Blood - Plasma
Chemistry	Blood Gases – pCO2		Potentiometry		Blood - Venous whole blood
Chemistry	Blood Gases – pCO2		Potentiometry		Blood - Arterial whole blood
Chemistry	Blood Gases – pH		Potentiometry		Blood - Venous whole blood
Chemistry	Blood Gases – pH		Potentiometry		Blood - Arterial whole blood
Chemistry	Blood Gases – pO2		Amperometry		Blood - Arterial whole blood
Chemistry	Calcium, total		Spectrophotometry		Blood - Serum
Chemistry	Calcium, total		Spectrophotometry		Blood - Plasma

Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
Chemistry	Chloride		Ion Selective Electrode		Blood - Plasma	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Plasma	
Chemistry	Cholesterol, LDL		Other, specify	Calculated	Blood - Serum	
Chemistry	Cholesterol, LDL		Other, specify	Calculated	Blood - Plasma	
Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Blood - Plasma	
Chemistry	Cholesterol, total		Colorimetric		Fluid - Peritoneal	
Chemistry	Cholesterol, total		Colorimetric		Fluid - Pleural	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	CO2, total		Spectrophotometry		Blood - Plasma	
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
Chemistry	C-reactive protein (CRP)		Immunoturbidometry		Blood - Serum	
Chemistry	C-reactive protein (CRP)		Immunoturbidometry		Blood - Plasma	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Serum	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Plasma	
Chemistry	Creatinine		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Blood - Plasma	
Chemistry	Creatinine		Colorimetric		Fluid - Peritoneal	
Chemistry	Creatinine		Colorimetric		Fluid - Pleural	
Chemistry	Creatinine		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Blood - Plasma	
Chemistry	Ethanol		Spectrophotometry		Blood - Serum	

Chemistry	Fecal immunochemical test (FIT)		Immunochemistry		Stool	
Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Serum	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Plasma	
Chemistry	Glucose		Spectrophotometry		Blood - Serum	
Chemistry	Glucose		Spectrophotometry		Blood - Plasma	
Chemistry	Glucose		Spectrophotometry		Fluid - Peritoneal	
Chemistry	Glucose		Spectrophotometry		Fluid - Pleural	
Chemistry	Glucose		Spectrophotometry		Fluid - Cerebrospinal	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Lactate		Amperometry		Blood - Venous whole blood	
Chemistry	Lactate		Amperometry		Blood - Arterial whole blood	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Serum	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Peritoneal	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Pleural	
Chemistry	Lipase		Colorimetric		Blood - Serum	
Chemistry	Lipase		Colorimetric		Blood - Plasma	
Chemistry	Lipase		Colorimetric		Fluid - Peritoneal	
Chemistry	Lipase		Colorimetric		Fluid - Pleural	
Chemistry	Magnesium		Colorimetric		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Blood - Plasma	
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	Opiates		Lateral Flow Immunoassay		Urine
Chemistry	Other, specify	Tricyclic Acid	Lateral Flow Immunoassay		Urine
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine
Chemistry	Phosphorus		Spectrophotometry		Blood - Serum
Chemistry	Phosphorus		Spectrophotometry		Blood - Plasma
Chemistry	Potassium		Ion Selective Electrode		Blood - Serum
Chemistry	Potassium		Ion Selective Electrode		Blood - Plasma
Chemistry	Protein, total		Colorimetric		Blood - Serum
Chemistry	Protein, total		Colorimetric		Blood - Plasma
Chemistry	Protein, total		Colorimetric		Fluid - Peritoneal
Chemistry	Protein, total		Colorimetric		Fluid - Pleural
Chemistry	Protein, total		Turbidimetry		Fluid - Cerebrospinal
Chemistry	ROM - Fetal fibronectin (FN)		Immunochromatography		Swab
Chemistry	Salicylate		Spectrophotometry		Blood - Serum
Chemistry	Sodium		Ion Selective Electrode		Blood - Serum
Chemistry	Sodium		Ion Selective Electrode		Blood - Plasma
Chemistry	Triglycerides		Colorimetric		Blood - Serum
Chemistry	Triglycerides		Colorimetric		Blood - Plasma
Chemistry	Triglycerides		Colorimetric		Fluid - Peritoneal
Chemistry	Triglycerides		Colorimetric		Fluid - Pleural
Chemistry	Troponin T		Immunoassay		Blood - Venous whole blood

Chemistry	Urea		Spectrophotometry		Blood - Serum	
Chemistry	Urea		Spectrophotometry		Blood - Plasma	
Chemistry	Uric acid		Colorimetric		Blood - Serum	
Chemistry	Uric acid		Colorimetric		Blood - Plasma	
Chemistry	Uric acid		Colorimetric		Fluid - Peritoneal	
Chemistry	Uric acid		Colorimetric		Fluid - Pleural	
Chemistry	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine	
Chemistry	Urinalysis, microscopic		Microscopy - Bright Field		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 - 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		Other, specify	Capillary - Whole Blood
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	Complete Blood Count (CBC) - WBC, RBC, Hb, HCT, MCV, MCH, MCHC, RDW, Platelet Count, PDW, WBC Absolute Differential		Flow cytometry & Impedance counting & Turbidimetric, combined		Other, specify	Capillary - Whole Blood
Hematology	D-dimer		Turbidimetric		Blood - Plasma	
Hematology	Erythrocyte count (RBC), manual		Hemocytometer		Blood - Venous whole blood	
Hematology	Erythrocyte count (RBC), manual		Hemocytometer		Other, specify	Capillary - Whole Blood
Hematology	Erythrocyte sedimentation rate (ESR)		Wintrobe method		Blood - Venous whole blood	
Hematology	Infectious mononucleosis		Immunochromatography		Blood - Venous whole blood	
Hematology	Infectious mononucleosis		Immunochromatography		Blood - Serum	

Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma	
Hematology	Leukocyte count (WBC), manual		Hemocytometer		Blood - Venous whole blood	
Hematology	Leukocyte count (WBC), manual		Hemocytometer		Other, specify	Capillary - Whole Blood
Hematology	Platelet count, manual		Hemocytometer		Blood - Venous whole blood	
Hematology	Platelet count, manual		Hemocytometer		Other, specify	Capillary - Whole Blood
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Hemocytometer		Semen	
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Microscopy - Bright Field		Semen	
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Bright Field		Semen	
Hematology	Semen analysis, viability		Special stains - Hematology		Semen	
Hematology	WBC differential – manual		Microscopy - Bright Field		Blood - Venous whole blood	
Hematology	WBC differential – manual		Microscopy - Bright Field		Other, specify	Capillary - Whole Blood
Hematology	WBC differential – manual		Microscopy - Bright Field		Fluid - Cerebrospinal	
Hematology	WBC differential – manual		Microscopy - Bright Field		Fluid - Peritoneal	
Hematology	WBC differential – manual		Microscopy - Bright Field		Fluid - Pleural	
Hematology	WBC differential – manual		Microscopy - Bright Field		Fluid - Synovial	
POCT	Glucose		Electrochemistry		Other, specify	Capillary - Whole Blood
POCT	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine	
Transfusion Medicine	ABO grouping		Serological - Manual		Blood - Cord	
Transfusion Medicine	ABO grouping		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Antibody screening		Serological - Manual		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - serological		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - computer			
Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Manual		Blood - Cord	
Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Manual		Blood - Red Cells	
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Red Cells	
Transfusion Medicine	Store and Issue Blood Products					