



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC

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Laboratory Medicine – Scope of Accreditation

Facility name	Dawson Creek and District Hospital
Facility address	11100 13th Street, Dawson Creek, BC V1G 3W8
Facility code	0303LM
Corporate entity/health authority	Northern Health Authority

Accreditation	Full Accreditation
Effective date	2020-03-19
Expiry date	2024-06-12
Laboratory Standard	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 - Plasma	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Serum	
Chemistry	Albumin		Colorimetric		Blood - Plasma	
Chemistry	Albumin		Colorimetric		Blood - Serum	
Chemistry	Albumin		Colorimetric		Fluid - Pericardial	
Chemistry	Albumin		Colorimetric		Fluid - Peritoneal	
Chemistry	Albumin		Colorimetric		Fluid - Pleural	
Chemistry	Albumin		Immunoturbidometry		Urine	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Plasma	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Serum	
Chemistry	Ammonia		Spectrophotometry		Blood - Plasma	
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	Bilirubin, total		Colorimetric		Fluid - Pericardial	
Chemistry	Bilirubin, total		Colorimetric		Fluid - Peritoneal	
Chemistry	Bilirubin, total		Colorimetric		Fluid - Pleural	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Cord	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pCO2		Potentiometry		Other, specify	Capillary - Whole Blood
Chemistry	Blood gases – pH		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pH		Potentiometry		Blood - Cord	
Chemistry	Blood gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Potentiometry		Other, specify	Capillary - Whole Blood
Chemistry	Blood gases – pO2		Amperometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pO2		Amperometry		Blood - Cord	
Chemistry	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Other, specify	Capillary - Whole Blood
Chemistry	BNP / NT-proBNP		Immunoassay		Blood - Venous whole blood	
Chemistry	BNP / NT-proBNP		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Calcium, ionized		Potentiometry		Blood - Serum	
Chemistry	Calcium, total		Spectrophotometry		Blood - Plasma	
Chemistry	Calcium, total		Spectrophotometry		Blood - Serum	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Carbamazepine		FPIA (Fluorescence polarization immunoassay)		Blood - Serum	
Chemistry	Chloride		Ion Selective Electrode		Blood - Plasma	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
Chemistry	Chloride		Potentiometry		Blood - Venous whole blood	

Chemistry	Cholesterol, HDL		Colorimetric		Blood - Plasma	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, LDL		Other, specify	Calculated	Blood - Plasma	
Chemistry	Cholesterol, LDL		Other, specify	Calculated	Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Blood - Plasma	
Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Fluid - Pericardial	
Chemistry	Cholesterol, total		Colorimetric		Fluid - Peritoneal	
Chemistry	Cholesterol, total		Colorimetric		Fluid - Pleural	
Chemistry	CO2, total		Spectrophotometry		Blood - Plasma	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
Chemistry	C-reactive protein (CRP)		Immunoturbidometry		Blood - Plasma	
Chemistry	C-reactive protein (CRP)		Immunoturbidometry		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		Colorimetric		Fluid - Pericardial	
Chemistry	Creatinine		Colorimetric		Fluid - Peritoneal	
Chemistry	Creatinine		Colorimetric		Fluid - Pleural	
Chemistry	Creatinine		Colorimetric		Urine	
Chemistry	Ethanol		Spectrophotometry		Blood - Serum	
Chemistry	Fecal immunochemical test (FIT)		Immunochromatography		Stool	
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	Hemoglobin A1c		Immunoturbidometry		Blood - Venous whole blood	

Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	Iron, total		Colorimetric		Blood - Plasma	
Chemistry	Iron, total		Colorimetric		Blood - Serum	
Chemistry	Lactate		Amperometry		Blood - Venous whole blood	
Chemistry	Lactate		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate		Spectrophotometry		Fluid - Cerebrospinal	
Chemistry	Lactate		Spectrophotometry		Fluid - Pericardial	
Chemistry	Lactate		Spectrophotometry		Fluid - Peritoneal	
Chemistry	Lactate		Spectrophotometry		Fluid - Pleural	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Serum	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Pericardial	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Peritoneal	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Pleural	
Chemistry	Lipase		Colorimetric		Blood - Plasma	
Chemistry	Lipase		Colorimetric		Blood - Serum	
Chemistry	Lipase		Colorimetric		Fluid - Pericardial	
Chemistry	Lipase		Colorimetric		Fluid - Peritoneal	
Chemistry	Lipase		Colorimetric		Fluid - Pleural	
Chemistry	Lithium		Ion Selective Electrode		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	Opiates		Lateral Flow Immunoassay		Urine	
Chemistry	Osmolality		Osmometry		Blood - Serum	
Chemistry	Osmolality		Osmometry		Urine	

Chemistry	Other, specify	Tricyclic Group	Lateral Flow Immunoassay		Urine	
Chemistry	Oximetry		Spectrophotometry		Blood - Arterial whole blood	
Chemistry	Oximetry		Spectrophotometry		Blood - Venous whole blood	
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine	
Chemistry	Phenytoin		FPIA (Fluorescence polarization immunoassay)		Blood - Serum	
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		Ion Selective Electrode		Urine	
Chemistry	Potassium		Potentiometry		Blood - Venous whole blood	
Chemistry	Prostate specific antigen (PSA), total		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Protein, total		Colorimetric		Blood - Plasma	
Chemistry	Protein, total		Colorimetric		Blood - Serum	
Chemistry	Protein, total		Colorimetric		Fluid - Pericardial	
Chemistry	Protein, total		Colorimetric		Fluid - Peritoneal	
Chemistry	Protein, total		Colorimetric		Fluid - Pleural	
Chemistry	Protein, total		Colorimetric		Urine	
Chemistry	Protein, total		Turbidimetry		Fluid - Cerebrospinal	
Chemistry	ROM - Fetal fibronectin (FN)		Immunoassay		Swab	
Chemistry	Salicylate		Spectrophotometry		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Sodium		Ion Selective Electrode		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Urine	
Chemistry	Sodium		Potentiometry		Blood - Venous whole blood	
Chemistry	Thyroid-stimulating hormone (TSH)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Triglycerides		Colorimetric		Blood - Plasma	
Chemistry	Triglycerides		Colorimetric		Blood - Serum	
Chemistry	Triglycerides		Colorimetric		Fluid - Pericardial	
Chemistry	Triglycerides		Colorimetric		Fluid - Peritoneal	
Chemistry	Triglycerides		Colorimetric		Fluid - Pleural	
Chemistry	Troponin T		Immunoassay		Blood - Venous whole blood	
Chemistry	Troponin T		Immunoassay, electrochemiluminescence		Blood - Serum	

Chemistry	Unsaturated iron-binding capacity (UIBC)		Colorimetric		Blood - Plasma	
Chemistry	Unsaturated iron-binding capacity (UIBC)		Colorimetric		Blood - Serum	
Chemistry	Urea		Spectrophotometry		Blood - Plasma	
Chemistry	Urea		Spectrophotometry		Blood - Serum	
Chemistry	Urea		Spectrophotometry		Urine	
Chemistry	Uric acid		Colorimetric		Blood - Plasma	
Chemistry	Uric acid		Colorimetric		Blood - Serum	
Chemistry	Uric acid		Colorimetric		Fluid - Pericardial	
Chemistry	Uric acid		Colorimetric		Fluid - Peritoneal	
Chemistry	Uric acid		Colorimetric		Fluid - Pleural	
Chemistry	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine	
Chemistry	Urinalysis, microscopic		Microscopy - Phase contrast		Urine	
Chemistry	Valproic acid		Spectrophotometry		Blood - Serum	
Chemistry	Vancomycin		Turbidimetry		Blood - Serum	
Hematology	Activated partial thromboplastin time (aPTT)		Other, specify	Mechanical Clot Detection	Blood - Plasma	
Hematology	Blood parasite identification		Routine Blood Cell staining (example: Wright/Giemsa)		Blood - Venous whole blood	
Hematology	Body fluid cell count, manual		Hemocytometer		Bronchial washings / brushings	
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 - Complete Blood Count (CBC) - WBC,		Microscopy - Bright Field		Other, specify	Capillary - Whole Blood
Hematology	Complete Blood Count (CBC) - WBC,		Flow cytometry & Impedance		Blood - Venous whole blood	
Hematology	Complete Blood Count (CBC) - WBC,		Flow cytometry & Impedance		Other, specify	Capillary - Whole Blood
Hematology	D-dimer		Immunoassay		Blood - Venous 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	Fibrinogen		Other, specify	Mechanical Clot Detection	Blood - Plasma	
Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Serum	

Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Venous whole blood	
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		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		Routine Blood Cell staining (example: Wright/Giemsa)		Blood - Venous whole blood	
Hematology	WBC differential – manual		Routine Blood Cell staining (example: Wright/Giemsa)		Fluid - Cerebrospinal	
Hematology	WBC differential – manual		Routine Blood Cell staining (example: Wright/Giemsa)		Fluid - Peritoneal	
Hematology	WBC differential – manual		Routine Blood Cell staining (example: Wright/Giemsa)		Fluid - Pleural	
Hematology	WBC differential – manual		Routine Blood Cell staining (example: Wright/Giemsa)		Fluid - Synovial	
Hematology	WBC differential – manual		Routine Blood Cell staining (example: Wright/Giemsa)		Other, specify	Capillary - Whole Blood
Microbiology	Gram stains		Gram Stain		Fluid - Cerebrospinal	
Microbiology	Gram stains		Gram Stain		Fluid - Pericardial	
Microbiology	Gram stains		Gram Stain		Fluid - Peritoneal	
Microbiology	Gram stains		Gram Stain		Fluid - Pleural	
Microbiology	Gram stains		Gram Stain		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	Antibody screening		Serological - Solid Phase		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - computer			
Transfusion Medicine	Compatibility testing		Crossmatch - serological		Blood - Plasma	
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 - Cord	
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Red Cells	
Transfusion Medicine	Store and Issue Blood Products					