

**DIAGNOSTIC ACCREDITATION PROGRAM**

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## Laboratory Medicine – Scope of Accreditation

<b>Facility name</b>	Dawson Creek and District Hospital
<b>Facility address</b>	11100 13th Street, Dawson Creek, BC V1G 3W8
<b>Facility code</b>	0303LM
<b>Corporate entity/health authority</b>	Northern Health Authority
<b>Accreditation</b>	Full Accreditation
<b>Effective date</b>	2024-05-03
<b>Expiry date</b>	2028-06-14
<b>Laboratory Standard</b>	Version 1.7

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.

**Services**

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Acetaminophen	Colorimetric	Blood - Serum
Chemistry	Alanine Aminotransferase (ALT)	Spectrophotometry	Blood - Serum
Chemistry	Albumin	Colorimetric	Blood - Serum
Chemistry	Albumin	Colorimetric	Fluid - Pericardial
Chemistry	Albumin	Colorimetric	Fluid - Peritoneal
Chemistry	Albumin	Colorimetric	Fluid - Pleural
Chemistry	Albumin	Colorimetric	Urine
Chemistry	Alkaline phosphatase (ALP)	Spectrophotometry	Blood - Serum
Chemistry	Ammonia	Spectrophotometry	Blood - Plasma
Chemistry	Amphetamine	Immunoassay, lateral flow	Urine
Chemistry	Aspartate Aminotransferase (AST)	Spectrophotometry	Blood - Serum
Chemistry	Barbiturates	Immunoassay, lateral flow	Urine
Chemistry	Benzodiazepines	Immunoassay, lateral flow	Urine
Chemistry	Bilirubin, Conjugated	Colorimetric	Blood - Serum
Chemistry	Bilirubin, Conjugated	Colorimetric	Blood - Serum
Chemistry	Bilirubin, total	Colorimetric	Blood - Serum
Chemistry	Bilirubin, total	Colorimetric	Blood - Serum

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
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 - Capillary whole blood
Chemistry	Blood gases – pCO2	Potentiometry	Blood - Cord
Chemistry	Blood gases – pCO2	Potentiometry	Blood - Venous whole blood
Chemistry	Blood gases – pH	Potentiometry	Blood - Arterial whole blood
Chemistry	Blood gases – pH	Potentiometry	Blood - Capillary whole blood
Chemistry	Blood gases – pH	Potentiometry	Blood - Cord
Chemistry	Blood gases – pH	Potentiometry	Blood - Venous whole blood
Chemistry	Blood gases – pO2	Amperometry	Blood - Arterial whole blood
Chemistry	Blood gases – pO2	Amperometry	Blood - Capillary whole blood
Chemistry	Blood gases – pO2	Amperometry	Blood - Cord
Chemistry	Blood gases – pO2	Amperometry	Blood - Venous whole blood
Chemistry	B-type natriuretic peptide (BNP / NT-proBNP)	Immunoassay	Blood - Venous whole blood
Chemistry	B-type natriuretic peptide (BNP / NT-proBNP)	Immunoassay, chemiluminescence	Blood - Serum
Chemistry	Calcium, ionized	Potentiometry	Blood - Serum
Chemistry	Calcium, total	Spectrophotometry	Blood - Serum
Chemistry	Cannabinoids	Immunoassay, lateral flow	Urine
Chemistry	Carbamazepine	Immunoturbidometry	Blood - Serum
Chemistry	Chloride	Ion Selective Electrode (ISE)	Blood - Serum
Chemistry	Chloride	Potentiometry	Blood - Venous whole blood
Chemistry	Cholesterol, HDL	Colorimetric	Blood - Serum
Chemistry	Cholesterol, LDL	Calculated	Blood - Serum
Chemistry	Cholesterol, total	Colorimetric	Blood - Serum
Chemistry	Cholesterol, total	Colorimetric	Fluid - Pericardial
Chemistry	Cholesterol, total	Colorimetric	Fluid - Peritoneal

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Cholesterol, total	Colorimetric	Fluid - Pleural
Chemistry	CO2, total	Spectrophotometry	Blood - Serum
Chemistry	Cocaine derivatives	Immunoassay, lateral flow	Urine
Chemistry	Co-Oximetry	Spectrophotometry	Blood - Arterial whole blood
Chemistry	Co-Oximetry	Spectrophotometry	Blood - Venous whole blood
Chemistry	C-reactive protein (CRP)	Immunoturbidometry	Blood - Serum
Chemistry	Creatine kinase (CK)	Spectrophotometry	Blood - Serum
Chemistry	Creatinine	Spectrophotometry	Blood - Serum
Chemistry	Creatinine	Spectrophotometry	Blood - Serum
Chemistry	Creatinine	Spectrophotometry	Fluid - Pericardial
Chemistry	Creatinine	Spectrophotometry	Fluid - Peritoneal
Chemistry	Creatinine	Spectrophotometry	Fluid - Pleural
Chemistry	Creatinine	Spectrophotometry	Urine
Chemistry	Ethanol	Spectrophotometry	Blood - Serum
Chemistry	Fentanyl	Immunoassay, lateral flow	Urine
Chemistry	Ferritin	Immunoassay, chemiluminescence	Blood - Serum
Chemistry	Gamma-glutamyl transferase (GGT)	Spectrophotometry	Blood - Serum
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	Spectrophotometry	Blood - Venous whole blood
Chemistry	Human chorionic gonadotropin (hCG) Qualitative	Immunoassay, lateral flow	Blood - Serum
Chemistry	Human chorionic gonadotropin (hCG) Qualitative	Immunoassay, lateral flow	Urine
Chemistry	Human chorionic gonadotropin (hCG) Quantitative	Immunoassay, chemiluminescence	Blood - Serum
Chemistry	Iron, total	Colorimetric	Blood - Serum
Chemistry	Lactate	Amperometry	Blood - Venous whole blood

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Lactate	Colorimetric	Blood - Plasma
Chemistry	Lactate	Colorimetric	Fluid - Cerebrospinal
Chemistry	Lactate	Colorimetric	Fluid - Pericardial
Chemistry	Lactate	Colorimetric	Fluid - Peritoneal
Chemistry	Lactate	Colorimetric	Fluid - Pleural
Chemistry	Lactate dehydrogenase (LDH)	Spectrophotometry	Blood - Serum
Chemistry	Lactate dehydrogenase (LDH)	Spectrophotometry	Fluid - Pericardial
Chemistry	Lactate dehydrogenase (LDH)	Spectrophotometry	Fluid - Peritoneal
Chemistry	Lactate dehydrogenase (LDH)	Spectrophotometry	Fluid - Pleural
Chemistry	Lipase	Colorimetric	Blood - Serum
Chemistry	Lipase	Colorimetric	Fluid - Pericardial
Chemistry	Lipase	Colorimetric	Fluid - Peritoneal
Chemistry	Lipase	Colorimetric	Fluid - Pleural
Chemistry	Lithium	Colorimetric	Blood - Serum
Chemistry	Magnesium	Colorimetric	Blood - Serum
Chemistry	Methadone	Immunoassay, lateral flow	Urine
Chemistry	Methadone metabolite (EDDP)	Immunoassay, lateral flow	Urine
Chemistry	Methamphetamine	Immunoassay, lateral flow	Urine
Chemistry	Methylenedioxy-methamphetamine (MDMA)	Immunoassay, lateral flow	Urine
Chemistry	Opiates	Immunoassay, lateral flow	Urine
Chemistry	Osmolality	Osmometry	Blood - Serum
Chemistry	Osmolality	Osmometry	Urine
Chemistry	Oxycodone	Immunoassay, lateral flow	Urine
Chemistry	Phenytoin	Immunoturbidometry	Blood - Serum
Chemistry	Phosphorus	Spectrophotometry	Blood - Serum
Chemistry	Potassium	Ion Selective Electrode (ISE)	Blood - Serum
Chemistry	Potassium	Ion Selective Electrode (ISE)	Urine
Chemistry	Potassium	Potentiometry	Blood - Venous whole blood

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Prostate specific antigen (PSA), total	Immunoassay, chemiluminescence	Blood - Serum
Chemistry	Protein, total	Colorimetric	Blood - Serum
Chemistry	Protein, total	Colorimetric	Fluid - Cerebrospinal
Chemistry	Protein, total	Colorimetric	Fluid - Pericardial
Chemistry	Protein, total	Colorimetric	Fluid - Peritoneal
Chemistry	Protein, total	Colorimetric	Fluid - Pleural
Chemistry	Protein, total	Colorimetric	Urine
Chemistry	ROM - Fetal fibronectin (FN)	Immunochromatography	Swab
Chemistry	Salicylate	Spectrophotometry	Blood - Serum
Chemistry	Sodium	Ion Selective Electrode (ISE)	Blood - Serum
Chemistry	Sodium	Ion Selective Electrode (ISE)	Urine
Chemistry	Sodium	Potentiometry	Blood - Venous whole blood
Chemistry	Thyroid-stimulating hormone (TSH)	Immunoassay, chemiluminescence	Blood - Serum
Chemistry	Total iron-binding capacity (TIBC)	Spectrophotometry	Blood - Serum
Chemistry	Tricyclic Antidepressants (TCA)	Immunoassay, lateral flow	Urine
Chemistry	Triglycerides	Colorimetric	Blood - Serum
Chemistry	Triglycerides	Colorimetric	Fluid - Pericardial
Chemistry	Triglycerides	Colorimetric	Fluid - Peritoneal
Chemistry	Triglycerides	Colorimetric	Fluid - Pleural
Chemistry	Troponin I	Immunoassay, chemiluminescence	Blood - Plasma
Chemistry	Troponin T	Immunoassay	Blood - Venous whole blood
Chemistry	Urea	Spectrophotometry	Blood - Serum
Chemistry	Urea	Spectrophotometry	Urine
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	Reflectance Photometry	Urine

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Urinalysis, microscopic	Microscopy - Phase contrast	Urine
Chemistry	Valproic acid	Immunoturbidometry	Blood - Serum
Chemistry	Vancomycin	Immunoturbidometry	Blood - Serum
Hematology	Activated partial thromboplastin time (aPTT)	Clot Detection - Mechanical	Blood - Plasma
Hematology	Blood parasite antigen detection	Immunoassay, lateral flow	Blood - Venous whole blood
Hematology	Blood parasite identification	Stains, Routine	Blood - Venous whole blood
Hematology	Blood parasite percent parasitemia	Microscopy - Bright Field	Blood - Venous whole blood
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Bronchial washings / brushings
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Cerebrospinal
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Peritoneal
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Pleural
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Synovial
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Bronchial washings / brushings
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Cerebrospinal
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Peritoneal
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Pleural
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Synovial
Hematology	Cell morphology - Routine stain(s)	Microscopy - Bright Field	Blood - Capillary whole blood
Hematology	Cell morphology - Routine stain(s)	Microscopy - Bright Field	Blood - Venous whole blood
Hematology	Complete Blood Count (CBC) - 5 part differential	Flow cytometry & Impedance counting & Turbidimetric, combined	Blood - Capillary whole blood
Hematology	Complete Blood Count (CBC) - 5 part differential	Flow cytometry & Impedance counting & Turbidimetric, combined	Blood - Venous whole blood
Hematology	D-dimer	Immunoassay	Blood - Venous whole blood
Hematology	D-dimer	Turbidimetric	Blood - Plasma
Hematology	Eosinophils in secretions, excretions and other body fluids	Microscopy - Bright Field	Urine
Hematology	Erythrocyte sedimentation rate (ESR)	Wintrobe tube	Blood - Venous whole blood
Hematology	Fibrinogen	Clot Detection - Mechanical	Blood - Plasma
Hematology	Infectious mononucleosis	Immunoassay, lateral flow	Blood - Serum
Hematology	Infectious mononucleosis	Immunoassay, lateral flow	Blood - Venous whole blood

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Hematology	International normalized ratio (INR)	Calculated	Blood - Plasma
Hematology	Semen analysis, Count	Hemocytometer	Fluid - Semen
Hematology	Semen analysis, Morphology	Microscopy - Bright Field	Fluid - Semen
Hematology	Semen analysis, Motility	Microscopy - Bright Field	Fluid - Semen
Hematology	Semen analysis, Post Vasectomy - presence/absence	Microscopy - Bright Field	Fluid - Semen
Hematology	Semen analysis, viability	Stains, Special	Fluid - Semen
Hematology	WBC differential	Microscopy - Bright Field	Blood - Capillary whole blood
Hematology	WBC differential	Microscopy - Bright Field	Blood - Venous whole blood
Hematology	WBC differential	Stains, Routine	Blood - Capillary whole blood
Hematology	WBC differential	Stains, Routine	Blood - Venous whole blood
Hematology	WBC differential	Stains, Routine	Fluid - Cerebrospinal
Hematology	WBC differential	Stains, Routine	Fluid - Peritoneal
Hematology	WBC differential	Stains, Routine	Fluid - Pleural
Hematology	WBC differential	Stains, Routine	Fluid - Synovial
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Cerebrospinal
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Pericardial
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Peritoneal
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Pleural
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Synovial
POCT	Glucose	Electrochemistry	Blood - Capillary whole blood
Sample Collection	Sample Collection	Capillary	Blood
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Sputum
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Stool
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Swab
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Urine
Sample Collection	Sample Collection	Venipuncture	Blood
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Blood
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Fluid
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Foreign bodies

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Sputum
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Stool
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Swab
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Tissue
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Urine
Transfusion Medicine	ABO typing	Serological - Manual	Blood - Cord
Transfusion Medicine	ABO typing	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	N/A
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	Receipt, Storage and Issue Blood Products	N/A	N/A
Transfusion Medicine	Rh (D) typing	Serological - Manual	Blood - Cord
Transfusion Medicine	Rh (D) typing	Serological - Manual	Blood - Red Cells