



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC

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Laboratory Medicine – Scope of Accreditation

Facility name	Prince Rupert Regional Hospital
Facility address	1305 Summit Avenue, Prince Rupert BC, V8J 2A6
Facility code	0316LM
Corporate entity/health authority	Northern Health Authority
Accreditation	Full Accreditation
Effective date	2019-03-21
Expiry date	2024-03-05
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 - Serum	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Plasma	
Chemistry	Albumin		Immunoturbidometry		Blood - Serum	
Chemistry	Albumin		Immunoturbidometry		Blood - Plasma	
Chemistry	Alkaline phosphatase		Colorimetric		Blood - Serum	
Chemistry	Alkaline phosphatase		Colorimetric		Blood - Plasma	
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, direct		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum	
Chemistry	Bilirubin, total		Colorimetric		Blood - Plasma	
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 – pCO2		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		Blood - Arterial whole blood	
Chemistry	Blood gases – pH		Potentiometry		Other, specify	Capillary - Whole Blood
Chemistry	Blood gases – pO2		Amperometry		Blood - Cord	
Chemistry	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pO2		Amperometry		Other, specify	Capillary - Whole Blood
Chemistry	BNP / NT-proBNP		Immunochemistry		Blood - Venous whole blood	
Chemistry	BNP / NT-proBNP		Immunochemistry		Blood - Arterial whole blood	
Chemistry	Calcium, total		Spectrophotometry		Blood - Plasma	
Chemistry	Calcium, total		Spectrophotometry		Blood - Serum	
Chemistry	Calcium, total		Spectrophotometry		Urine	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Chloride		Ion Selective Electrode		Blood - Plasma	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
Chemistry	Chloride		Ion Selective Electrode		Urine	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
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		Urine	
Chemistry	Digoxin		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Ethanol		Spectrophotometry		Blood - Serum	
Chemistry	Fecal immunochemical test (FIT)		Immunochemistry		Stool	
Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine	
Chemistry	Ferritin		Immunoassay, chemiluminescence		Blood - Serum	
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	Hemoglobin A1c		Immunturbidometry		Blood - Venous whole blood	
Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, electrochemiluminescence		Blood - Plasma	
Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	Iron, total		Colorimetric		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	Lipase		Colorimetric		Blood - Plasma	
Chemistry	Lipase		Colorimetric		Blood - Serum	
Chemistry	Lithium		Colorimetric		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Blood - Plasma	
Chemistry	Magnesium		Colorimetric		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Urine	
Chemistry	Metanephrines		Lateral Flow Immunoassay		Urine	
Chemistry	Methadone		Lateral Flow Immunoassay		Urine	
Chemistry	Methadone metabolite (EDDP)		Lateral Flow Immunoassay		Urine	
Chemistry	Opiates		Lateral Flow Immunoassay		Urine	
Chemistry	Osmolality		Osmometry		Blood - Serum	
Chemistry	Osmolality		Osmometry		Urine	
Chemistry	Oximetry		Oximetry		Blood - Arterial whole blood	
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine	
Chemistry	oxygen saturation		Oximetry		Blood - Arterial whole blood	
Chemistry	Phenytoin		FPIA (Fluorescence polarization immunoassay)		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Blood - Plasma	
Chemistry	Phosphorus		Colorimetric		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Urine	
Chemistry	Potassium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Potassium		Ion Selective Electrode		Blood - Serum	
Chemistry	Potassium		Ion Selective Electrode		Urine	

Chemistry	Protein, total		Colorimetric		Blood - Plasma
Chemistry	Protein, total		Colorimetric		Blood - Serum
Chemistry	Protein, total		Colorimetric		Urine
Chemistry	Protein, total		Turbidimetry		Fluid - Cerebrospinal
Chemistry	ROM - Fetal fibronectin (FN)		Immunochemistry		Fluid - Amniotic
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	Thyroid-stimulating hormone (TSH)		Immunoassay, chemiluminescence		Blood - Serum
Chemistry	Triglycerides		Colorimetric		Blood - Serum
Chemistry	Troponin T		Immunoassay, chemiluminescence		Blood - Plasma
Chemistry	Troponin T		Immunochemistry		Blood - Venous whole blood
Chemistry	Unsaturated iron-binding capacity		Spectrophotometry		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		Urine
Chemistry	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine
Chemistry	Urinalysis, microscopic		Microscopy - Phase contrast		Urine
Chemistry	Vancomycin		Turbidimetry		Blood - Serum
Hematology	Activated partial thromboplastin time		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 - 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 -		Microscopy - Bright Field		Blood - Venous whole blood
Hematology	Cell identification / morphology -		Microscopy - Bright Field		Blood - Arterial whole blood
Hematology	Cell identification / morphology -		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 -		Microscopy - Bright Field		Fluid - Synovial
Hematology	Complete Blood Count (CBC) - WBC,		Flow cytometry & Impedance		Blood - Venous whole blood
Hematology	D-dimer		Immunoturbidimetric		Blood - Plasma

Hematology	Eosinophils, in secretions and		Microscopy - Bright Field		Urine	
Hematology	Erythrocyte sedimentation rate (ESR)		Modified Westergren method		Blood - Venous whole blood	
Hematology	Fibrinogen		Other, specify	Mechanical Clot Detection	Blood - Plasma	
Hematology	Infectious mononucleosis		Latex agglutination		Blood - Venous whole blood	
Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma	
Hematology	Platelet count, manual		Hemocytometer		Blood - Venous whole blood	
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Microscopy - Phase contrast		Semen	
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Phase contrast		Semen	
Hematology	Semen analysis, viability		Special stains - Hematology		Semen	
Hematology	WBC differential – manual		Routine Blood Cell staining (example: Wright/Giemsa)		Blood - Venous whole blood	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Blood - Venous whole blood	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Blood - Venous whole blood	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Fluid - Cerebrospinal	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Fluid - Cerebrospinal	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Fluid - Peritoneal	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Fluid - Peritoneal	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Fluid - Pleural	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Fluid - Pleural	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Fluid - Synovial	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Foreign bodies	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Foreign bodies	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Sputum	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Sputum	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Stool	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Swab	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Swab	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Tissue - Fresh	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Tissue - Fresh	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Urine	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Urine	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Bronchial washings / brushings	

Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Bronchial washings / brushings	
Microbiology	Bacterial identification		Automated Microorganism ID		Blood - Venous whole blood	
Microbiology	Bacterial identification		Manual Microorganism ID		Blood - Venous whole blood	
Microbiology	Bacterial identification		Automated Microorganism ID		Bronchial washings / brushings	
Microbiology	Bacterial identification		Manual Microorganism ID		Bronchial washings / brushings	
Microbiology	Bacterial identification		Automated Microorganism ID		Fluid - Cerebrospinal	
Microbiology	Bacterial identification		Manual Microorganism ID		Fluid - Cerebrospinal	
Microbiology	Bacterial identification		Automated Microorganism ID		Fluid - Peritoneal	
Microbiology	Bacterial identification		Manual Microorganism ID		Fluid - Peritoneal	
Microbiology	Bacterial identification		Automated Microorganism ID		Fluid - Pleural	
Microbiology	Bacterial identification		Manual Microorganism ID		Fluid - Pleural	
Microbiology	Bacterial identification		Automated Microorganism ID		Fluid - Synovial	
Microbiology	Bacterial identification		Manual Microorganism ID		Fluid - Synovial	
Microbiology	Bacterial identification		Automated Microorganism ID		Foreign bodies	
Microbiology	Bacterial identification		Manual Microorganism ID		Foreign bodies	
Microbiology	Bacterial identification		Automated Microorganism ID		Sputum	
Microbiology	Bacterial identification		Manual Microorganism ID		Sputum	
Microbiology	Bacterial identification		Automated Microorganism ID		Stool	
Microbiology	Bacterial identification		Manual Microorganism ID		Stool	
Microbiology	Bacterial identification		Automated Microorganism ID		Swab	
Microbiology	Bacterial identification		Manual Microorganism ID		Swab	
Microbiology	Bacterial identification		Automated Microorganism ID		Tissue - Fresh	
Microbiology	Bacterial identification		Manual Microorganism ID		Tissue - Fresh	
Microbiology	Bacterial identification		Automated Microorganism ID		Urine	
Microbiology	Bacterial identification		Manual Microorganism ID		Urine	
Microbiology	Bacterial identification		Plating cultures		Swab	
Microbiology	Bacterial identification		Latex agglutination		Stool	
Microbiology	Bacterial identification		Latex agglutination		Urine	
Microbiology	Gram stains		Gram Stain		Blood - Venous whole blood	
Microbiology	Gram stains		Gram Stain		Bronchial washings / brushings	

Microbiology	Gram stains		Gram Stain		Fluid - Cerebrospinal	
Microbiology	Gram stains		Gram Stain		Fluid - Peritoneal	
Microbiology	Gram stains		Gram Stain		Fluid - Pericardial	
Microbiology	Gram stains		Gram Stain		Fluid - Pleural	
Microbiology	Gram stains		Gram Stain		Fluid - Synovial	
Microbiology	Gram stains		Gram Stain		Foreign bodies	
Microbiology	Gram stains		Gram Stain		Sputum	
Microbiology	Gram stains		Gram Stain		Stool	
Microbiology	Gram stains		Gram Stain		Swab	
Microbiology	Gram stains		Gram Stain		Tissue - Fresh	
Microbiology	Gram stains		Gram Stain		Urine	
Microbiology	Other, specify	C diff antigen/toxin	Lateral Flow Immunoassay		Stool	
Microbiology	Viral identification		Nucleic Acid Amplification test (NAAT)		Fluid - Other	nasalpharygeal wash
Microbiology	Viral identification		Nucleic Acid Amplification test (NAAT)		Swab	
Microbiology	Viral identification		Immunochemistry		Fluid - Other	nasalpharygeal wash
Microbiology	Viral identification		Immunochemistry		Swab	
POCT	Glucose		Electrochemistry		Other, specify	Capillary - Whole Blood
POCT	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
POCT	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine	
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 - Red Cells	
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Red Cells	
Transfusion Medicine	Store and Issue Blood Products					