



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC
 300-669 Howe Street Telephone: 604-733-7758
 Vancouver BC V6C 0B4 Toll free: 1-800-461-3008 (in BC)
 www.cpsbc.ca Fax: 604-733-3503

Laboratory Medicine – Scope of Accreditation

Facility name	Cariboo Memorial Hospital Laboratory
Facility address	517 N 6th Avenue, Williams Lake, BC, V2G 2G8
Facility code	0206LM
Corporate entity/health authority	Interior Health

Accreditation	Full Accreditation
Effective date	2016-09-27
Expiry date	2022-01-27
Laboratory Standard	Version 1.2

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		Colorimetric		Blood - Plasma	
Chemistry	Acetaminophen		Colorimetric		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	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 - Arterial whole blood	
Chemistry	Blood gases – pCO2		Amperometry		Blood - Cord	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pCO2		Amperometry		Other, specify	Whole Blood Capillary
Chemistry	Blood Gases – pH		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood Gases – pH		Potentiometry		Blood - Arterial whole blood	

Chemistry	Blood gases – pH		Amperometry		Blood - Cord	
Chemistry	Blood Gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood Gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Amperometry		Other, specify	Whole Blood Capillary
Chemistry	Blood Gases – pO2		Amperometry		Blood - Arterial 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		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Other, specify	Whole Blood Capillary
Chemistry	Calcium, ionized		Potentiometry		Blood - Arterial whole blood	
Chemistry	Calcium, ionized		Potentiometry		Blood - Serum	
Chemistry	Calcium, ionized		Potentiometry		Blood - Venous whole blood	
Chemistry	Calcium, total		Colorimetric		Blood - Plasma	
Chemistry	Calcium, total		Colorimetric		Blood - Serum	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Chloride		Potentiometry		Blood - Arterial whole blood	
Chemistry	Chloride		Potentiometry		Blood - Arterial whole blood	
Chemistry	Chloride		Potentiometry		Blood - Plasma	
Chemistry	Chloride		Potentiometry		Blood - Serum	
Chemistry	Chloride		Potentiometry		Blood - Venous whole blood	
Chemistry	Chloride		Potentiometry		Blood - Venous whole blood	
Chemistry	CO2, total		Potentiometry		Blood - Arterial whole blood	
Chemistry	CO2, total		Amperometry		Blood - Cord	
Chemistry	CO2, total		Spectrophotometry		Blood - Plasma	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	CO2, total		Potentiometry		Blood - Venous whole blood	
Chemistry	CO2, total		Potentiometry		Blood - Venous whole blood	
Chemistry	CO2, total		Amperometry		Other, specify	Whole Blood Capillary
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
Chemistry	C-reactive protein (CRP)		Enzyme immunoassay		Blood - Plasma	
Chemistry	C-reactive protein (CRP)		Enzyme immunoassay		Blood - Serum	
Chemistry	Creatinine		Spectrophotometry		Blood - Plasma	
Chemistry	Creatinine		Spectrophotometry		Blood - Serum	
Chemistry	Creatinine		Amperometry		Blood - Venous whole blood	
Chemistry	Ethanol		Colorimetric		Blood - Plasma	
Chemistry	Ethanol		Colorimetric		Blood - Serum	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Plasma	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Serum	
Chemistry	Glucose		Amperometry		Blood - Arterial whole blood	

Chemistry	Glucose		Colorimetric		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Blood - Serum	
Chemistry	Glucose		Amperometry		Blood - Venous whole blood	
Chemistry	Glucose		Amperometry		Blood - Venous whole blood	
Chemistry	Glucose		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	Human chorionic gonadotropin (hCG)		Enzyme immunoassay		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Enzyme immunoassay		Blood - Plasma	
Chemistry	Lactate		Amperometry		Blood - Arterial whole blood	
Chemistry	Lactate		Amperometry		Blood - Arterial whole blood	
Chemistry	Lactate		Colorimetric		Blood - Plasma	
Chemistry	Lactate		Amperometry		Blood - Venous whole blood	
Chemistry	Lactate		Amperometry		Blood - Venous whole blood	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Serum	
Chemistry	Lipase		Spectrophotometry		Blood - Plasma	
Chemistry	Lipase		Spectrophotometry		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Blood - Plasma	
Chemistry	Magnesium		Colorimetric		Blood - Serum	
Chemistry	Methadone		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 - Plasma	
Chemistry	Osmolality		Osmometry		Blood - Serum	
Chemistry	Osmolality		Osmometry		Urine	
Chemistry	Other, specify	eGFR	Other, specify	calculated	Blood - Plasma	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	eGFR	Other, specify	calculated	Blood - Serum	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Serum	
Chemistry	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Serum	
Chemistry	Other, specify	eGFR	Other, specify	calculated	Blood - Venous whole blood	
Chemistry	Other, specify	pH	Potentiometry		Fluid - Other	
Chemistry	Other, specify	Tricyclic Antidepressants	Lateral Flow Immunoassay		Urine	
Chemistry	Oximetry		Oximetry		Blood - Arterial whole blood	

Chemistry	Oximetry		Oximetry		Blood - Venous whole blood	
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine	
Chemistry	Phosphorus		Colorimetric		Blood - Plasma	
Chemistry	Phosphorus		Colorimetric		Blood - Serum	
Chemistry	Potassium		Potentiometry		Blood - Arterial whole blood	
Chemistry	Potassium		Potentiometry		Blood - Arterial whole blood	
Chemistry	Potassium		Potentiometry		Blood - Plasma	
Chemistry	Potassium		Potentiometry		Blood - Serum	
Chemistry	Potassium		Potentiometry		Blood - Venous whole blood	
Chemistry	Potassium		Potentiometry		Blood - Venous whole blood	
Chemistry	Protein, total		Colorimetric		Blood - Plasma	
Chemistry	Protein, total		Colorimetric		Blood - Serum	
Chemistry	Protein, total		Colorimetric		Fluid - Cerebrospinal	
Chemistry	ROM - Fetal fibronectin (FN)		Immunochemistry		Swab	
Chemistry	Salicylate		Colorimetric		Blood - Serum	
Chemistry	Sodium		Potentiometry		Blood - Arterial whole blood	
Chemistry	Sodium		Potentiometry		Blood - Arterial whole blood	
Chemistry	Sodium		Potentiometry		Blood - Plasma	
Chemistry	Sodium		Potentiometry		Blood - Serum	
Chemistry	Sodium		Potentiometry		Blood - Venous whole blood	
Chemistry	Sodium		Potentiometry		Blood - Venous whole blood	
Chemistry	Troponin I		ELISA (Enzyme-linked immunosorbent		Blood - Venous whole blood	
Chemistry	Troponin I		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Urea		Colorimetric		Blood - Plasma	
Chemistry	Urea		Colorimetric		Blood - Serum	
Chemistry	Urea		Amperometry		Blood - Venous whole blood	
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)		Photometric		Blood - Plasma	
Hematology	Blood parasite antigen detection		Lateral Flow Immunoassay		Blood - Venous whole blood	
Hematology	Blood parasite identification		Routine Blood Cell staining (example: Wright/Giemsa)		Blood - Venous whole blood	
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Cerebrospinal	
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Ascites

Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	*As per IH policy reporting any fluid approved by pathologist.
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Pericardial	
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Peritoneal	peritoneal dialysate
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Pleural	
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Synovial	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Cerebrospinal	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Other	Ascites
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Other	*As per IH policy reporting any fluid
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Pericardial	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Peritoneal	peritoneal dialysate
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	Complete Blood Count (CBC) - WBC, RBC, Hb, HCT, MCV, MCH, MCHC, RDW, Platelet Count, RDW, WBC		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood	
Hematology	Complete Blood Count (CBC) - WBC, RBC, Hb, HCT, MCV, MCH, MCHC,		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood	
Hematology	D-dimer		Turbidimetric		Blood - Plasma	
Hematology	Erythrocyte sedimentation rate (ESR)		Modified Westergren method		Blood - Venous whole blood	
Hematology	Fibrinogen		Photometric		Blood - Plasma	
Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Serum	
Hematology	International normalized ratio (INR)		Other, specify	calculated	Blood - Plasma	
Hematology	International normalized ratio (INR)		Other, specify	calculated	Blood - Venous whole blood	
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Microscopy - Phase contrast		Semen	
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Microscopy - Phase contrast		Semen	
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Bright Field		Semen	
Hematology	WBC differential – manual		Routine Blood Cell staining (example: Wright/Giemsa)		Blood - Venous whole blood	

POCT	Glucose		Electrochemistry		Blood - Venous whole blood	
POCT	Glucose		Electrochemistry		Blood - Venous whole blood	
POCT	Urinalysis, macroscopic		Dipstick		Urine	
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	Compatibility testing		Crossmatch - computer			
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Store and Issue Blood Products					