



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC

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Laboratory Medicine – Scope of Accreditation

Facility name	Kootenay Lake Hospital
Facility address	3 View Street Nelson, BC V1L 2V1
Facility code	0219LM
Corporate entity/health authority	Interior Health Authority
Accreditation	Full Accreditation
Effective date	2021-02-23
Expiry date	2025-10-05
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		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	Capillary - Whole Blood
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	Capillary - Whole Blood
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	Capillary - Whole Blood
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	Capillary - Whole Blood
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	Creatine kinase (CK)		Spectrophotometry		Blood - Plasma	

Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Serum	
Chemistry	Creatinine		Spectrophotometry		Blood - Plasma	
Chemistry	Creatinine	eGFR monitoring	Spectrophotometry		Blood - Plasma	
Chemistry	Creatinine		Spectrophotometry		Blood - Serum	
Chemistry	Creatinine	eGFR monitoring	Spectrophotometry		Blood - Serum	
Chemistry	Creatinine	eGFR monitoring	Amperometry		Blood - Venous whole blood	
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 - Plasma	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
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	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Serum	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Serum	
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		Fluid - Cerebrospinal	
Chemistry	ROM - Fetal fibronectin (FN)		Immunochemistry		Swab	
Chemistry	Salicylate		Colorimetric		Blood - Plasma	
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 assay)		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	Urinalysis, macroscopic		Dipstick		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		Microscopy - Bright Field		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	Peritoneal dialysate
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	*Other fluids as 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 - 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	Peritoneal dialysate
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Other	Ascites
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Other	*Other fluids as approved by pathologist.
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Pericardial	
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, 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,		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood	
Hematology	D-dimer		Immunoturbidometric		Blood - Plasma	
Hematology	Erythrocyte sedimentation rate (ESR)		Modified Westergren method		Blood - Venous whole blood	

Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Serum	
Hematology	International normalized ratio (INR)		Photometric		Blood - Plasma	
Hematology	International normalized ratio (INR)		Other, specify	conductivity	Blood - Venous whole blood	
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Bright Field		Semen	
Hematology	WBC differential – manual		Microscopy - Bright Field		Blood - Venous whole blood	
POCT	Amphetamine		Lateral Flow Immunoassay		Urine	
POCT	Benzodiazepines		Lateral Flow Immunoassay		Urine	
POCT	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
POCT	Fentanyl		Lateral Flow Immunoassay		Urine	
POCT	Glucose		Electrochemistry		Other, specify	Capillary - Whole Blood
POCT	Glucose		Electrochemistry		Other, specify	Capillary - Whole Blood
POCT	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
POCT	Methadone metabolite (EDDP)		Lateral Flow Immunoassay		Urine	
POCT	Opiates		Lateral Flow Immunoassay		Urine	
POCT	Other, specify	Buprenorphine	Lateral Flow Immunoassay		Urine	
POCT	Oxycodone		Lateral Flow Immunoassay		Urine	
POCT	Urinalysis, macroscopic		Dipstick		Urine	
Transfusion Medicine	ABO grouping		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Antibody screening		Serological - Gel		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - computer		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - serological		Blood - Plasma	
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Store and Issue Blood Products					