



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC

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Laboratory Medicine – Scope of Accreditation

Facility name	Elk Valley Hospital
Facility address	1501 5th Avenue Fernie BC V0B 1M0
Facility code	0212LM
Corporate entity/health authority	Interior Health Authority
Accreditation	Full Accreditation
Effective date	2016-04-13
Expiry date	2021-09-01
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		Amperometry		Blood - Cord	
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		Amperometry		Blood - Cord	

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 - Cord	
Chemistry	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Other, specify	Capillary - 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 - Plasma	
Chemistry	Chloride		Potentiometry		Blood - Serum	
Chemistry	Chloride		Potentiometry		Blood - Venous whole blood	
Chemistry	CO2, total		Amperometry		Blood - Cord	
Chemistry	CO2, total		Spectrophotometry		Blood - Plasma	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	CO2, total		Other, specify	Calculated	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	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	Fetal fibronectin (fFN)		Immunochemistry		Swab	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Plasma	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Serum	
Chemistry	Glucose		Colorimetric		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Blood - Serum	
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)		Lateral Flow Immunoassay		Blood - Plasma	

Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Lactate		Amperometry		Blood - Arterial whole blood	
Chemistry	Lactate		Colorimetric		Blood - Plasma	
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	eGFR	Other, specify	calculated	Blood - Plasma	
Chemistry	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	eGFR	Other, specify	calculated	Blood - Serum	
Chemistry	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Serum	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Serum	
Chemistry	Other, specify	eGFR	Other, specify	calculated	Blood - Venous whole blood	
Chemistry	Other, specify	Tricyclic Antidepressants	Lateral Flow Immunoassay		Urine	
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 - Plasma	
Chemistry	Potassium		Potentiometry		Blood - Serum	
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	Salicylate		Colorimetric		Blood - Serum	
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	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	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	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	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	Pathology approval
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	Pathology approval
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	D-dimer		Immunoassay		Blood - Plasma	

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)		Other, specify	calculated	Blood - Plasma	
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		Other, specify	Capillary- Whole Blood
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 - Gel		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - serological		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - computer		Blood - Plasma	
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Store and Issue Blood Products					