



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC

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Laboratory Medicine – Scope of Accreditation

Facility name	UBC Hospital
Facility address	2211 Wesbrook Mall Vancouver BC V6T 2B5
Facility code	0609LM
Corporate entity/health authority	Vancouver Coastal Health
Accreditation	Full Accreditation
Effective date	2019-03-14
Expiry date	2024-02-24
Laboratory Standards	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		Spectrophotometry		Blood - Plasma	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Plasma	
Chemistry	Albumin		Colorimetric		Blood - Plasma	
Chemistry	Albumin		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Plasma	
Chemistry	Alkaline phosphatase		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Amylase		Spectrophotometry		Blood - Plasma	

Chemistry	Amylase		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Plasma	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, direct		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Bilirubin, total		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, total		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Potentiometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Blood gases – pO2		Amperometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pO2		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Calcium, ionized		Potentiometry		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Blood - Plasma	
Chemistry	Calcium, total		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Chloride		Potentiometry		Blood - Plasma	
Chemistry	Chloride		Potentiometry		Fluid - Cerebrospinal	
Chemistry	Chloride		Potentiometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	CO2, total		Spectrophotometry		Blood - Plasma	

Chemistry	CO2, total		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	C-reactive protein (CRP)		Turbidimetry		Blood - Plasma	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Plasma	
Chemistry	Creatinine		Colorimetric		Blood - Plasma	
Chemistry	Creatinine		Amperometry		Blood - Plasma	
Chemistry	Creatinine		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Ethanol		Spectrophotometry		Blood - Plasma	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Blood - Plasma	
Chemistry	Glucose		Amperometry		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Glucose		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	Lactate		Amperometry		Blood - Arterial whole blood	
Chemistry	Lactate		Colorimetric		Blood - Plasma	
Chemistry	Lactate		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Lactate		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Cerebrospinal	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Lipase		Spectrophotometry		Blood - Plasma	

Chemistry	Lipase		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Lithium		Colorimetric		Blood - Plasma	
Chemistry	Magnesium		Colorimetric		Blood - Plasma	
Chemistry	Magnesium		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Osmolality		Other, specify	Freezing Point Depression	Blood - Plasma	
Chemistry	Osmolality		Other, specify	Freezing Point Depression	Urine	
Chemistry	Other, specify	Ketones	Dipstick		Blood - Plasma	
Chemistry	Phosphorus		Colorimetric		Blood - Plasma	
Chemistry	Phosphorus		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Potassium		Potentiometry		Blood - Arterial whole blood	
Chemistry	Potassium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Potassium		Potentiometry		Blood - Plasma	
Chemistry	Potassium		Ion Selective Electrode		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Protein, total		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Protein, total		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Salicylate		Turbidimetry		Blood - Plasma	
Chemistry	Sodium		Potentiometry		Blood - Arterial whole blood	
Chemistry	Sodium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Sodium		Potentiometry		Blood - Plasma	
Chemistry	Sodium		Ion Selective Electrode		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Thyroid-stimulating hormone (TSH)		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Troponin I		Immunoassay, chemiluminescence		Blood - Plasma	

Chemistry	Troponin I		Amperometry		Blood - Plasma	
Chemistry	Urea		Spectrophotometry		Blood - Plasma	
Chemistry	Urea		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Uric acid		Colorimetric		Blood - Plasma	
Chemistry	Uric acid		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
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	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Blood - Venous whole blood	
Hematology	Cell identification / morphology - Special 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		Immunoturbidometric		Blood - Plasma	
Hematology	Fibrinogen		Photometric		Blood - Plasma	
Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Serum	
Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma	
Hematology	Reticulocyte count, automated		Flow Cytometry		Blood - Venous whole blood	
Hematology	WBC differential – manual		Microscopy - Bright Field		Blood - Venous whole blood	
POCT	Glucose		Electrochemistry		Other, specify	Capillary - Whole Blood
POCT	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	

POCT	Urinalysis, macroscopic		Dipstick		Urine	
Transfusion Medicine	Pooling of Blood Products	Pool Prothrombin Complex Concentrate	Other, specify	As per the manufacturer's instructions		
Transfusion Medicine	Pooling of Blood Products	Pool Fibrinogen Concentrate	Other, specify	As per the manufacturer's instructions		
Transfusion Medicine	Store and Issue Blood Products					