



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC
 300-669 Howe Street
 Vancouver BC V6C 0B4
 www.cpsbc.ca

Telephone: 604-733-7758
 Toll free: 1-800-461-3008 (in BC)
 Fax: 604-733-3503

Laboratory Medicine – Scope of Accreditation

Facility name	Sechelt Hospital
Facility address	5544 Sunshine Coast Hwy, Sechelt, BC, V0N 3A0
Facility code	0608LM
Corporate entity/health authority	Vancouver Coastal Health
Accreditation	Full Accreditation
Effective date	2017-03-03
Expiry date	2022-05-05
Laboratory Standards	Version 1.3
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 - Serum	
Chemistry	Alanine Aminotransferase (ALT)		Spectrophotometry		Blood - Serum	
Chemistry	Albumin		Colorimetric		Blood - Serum	
Chemistry	Albumin		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Serum	
Chemistry	Alkaline phosphatase		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Amphetamine		Lateral Flow Immunoassay		Urine	
Chemistry	Amylase		Spectrophotometry		Blood - Serum	
Chemistry	Amylase		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
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		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum	
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		Amperometry		Blood - Venous whole blood	
Chemistry	Calcium, ionized		Potentiometry		Blood - Arterial whole blood	
Chemistry	Calcium, ionized		Potentiometry		Blood - Venous whole blood	
Chemistry	Calcium, total		Colorimetric		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
Chemistry	Chloride		Ion Selective Electrode		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Chloride		Ion Selective Electrode		Urine	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, LDL		Other, specify	Calculated	Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	CO2, total		Other, specify	Calculated	Blood - Arterial whole blood	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	CO2, total		Other, specify	Calculated	Blood - Venous whole blood	
Chemistry	CO2, total		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
Chemistry	C-reactive protein (CRP)		Turbidimetry		Blood - Serum	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Digoxin		Spectrophotometry		Blood - Serum	
Chemistry	Ethanol		Spectrophotometry		Blood - Serum	

Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine	
Chemistry	Ferritin		Enzyme immunoassay		Blood - Serum	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Serum	
Chemistry	Glucose		Colorimetric		Blood - Serum	
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 - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	Lactate		Colorimetric		Blood - Serum	
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 - Serum	
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 - Serum	
Chemistry	Lipase		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Magnesium		Colorimetric		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Methadone		Lateral Flow Immunoassay		Urine	
Chemistry	Methamphetamine		Lateral Flow Immunoassay		Urine	
Chemistry	Methylenedioxy- methamphetamine (MDMA)		Lateral Flow Immunoassay		Urine	
Chemistry	Occult blood - gastric fluid		Colorimetric		Fluid - Gastric	
Chemistry	Opiates		Lateral Flow Immunoassay		Urine	
Chemistry	Osmolality		Other, specify	Freezing point measurement	Blood - Serum	
Chemistry	Osmolality		Other, specify	Freezing point measurement	Urine	
Chemistry	Other, specify	Ketones	Dipstick		Blood - Serum	
Chemistry	Other, specify	Tricyclic Antidepressants	Lateral Flow Immunoassay		Urine	
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine	
Chemistry	Phenytoin		Turbidimetry		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Blood - Serum	

Chemistry	Phosphorus		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Potassium		Ion Selective Electrode		Blood - Serum	
Chemistry	Potassium		Ion Selective Electrode		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Potassium		Ion Selective Electrode		Urine	
Chemistry	Protein, total		Colorimetric		Blood - Serum	
Chemistry	Protein, total		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Protein, total		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	ROM - Fetal fibronectin (FN)		Lateral Flow Immunoassay		Swab	
Chemistry	Salicylate		Spectrophotometry		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Sodium		Ion Selective Electrode		Urine	
Chemistry	Thyroid-stimulating hormone (TSH)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Triglycerides		Colorimetric		Blood - Serum	
Chemistry	Triglycerides		Colorimetric		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Troponin I		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Troponin I		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Urea		Spectrophotometry		Blood - Serum	
Chemistry	Urea		Spectrophotometry		Fluid - Other	As per VCH policy reporting any fluid approved by Medical Director
Chemistry	Uric acid		Colorimetric		Blood - Serum	
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	
Chemistry	Vancomycin		Turbidimetry		Blood - Serum	
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		Bronchial washings / brushings	
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	Hemovac

Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Dialysate
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Drainage
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Abscess
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Cyst
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Thorocentesis
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	
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		Flow cytometry & Impedance counting & Turbidimetric, combined		Bronchial washings / brushings	
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Cerebrospinal	
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Hemovac
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Dialysate
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Drainage
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Abscess
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Cyst
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Thorocentesis
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Pericardial	
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Peritoneal	
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Pleural	
Hematology	Body fluid cell count, manual		Flow cytometry & Impedance counting & Turbidimetric, combined		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,		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood	
Hematology	D-dimer		Turbidimetric		Blood - Plasma	
Hematology	Erythrocyte sedimentation rate (ESR)		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	Direct	Blood - Plasma	
Hematology	Other, specify	Immature Reticulocyte Fraction	Flow Cytometry		Blood - Venous whole blood	

Hematology	Reticulocyte count, automated		Flow Cytometry		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	WBC differential – manual		Microscopy - Bright Field		Blood - Venous whole blood	
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 - Other	Hemovac
Microbiology	Gram stains		Gram Stain		Fluid - Other	Dialysate
Microbiology	Gram stains		Gram Stain		Fluid - Other	Drainage
Microbiology	Gram stains		Gram Stain		Fluid - Other	Abscess
Microbiology	Gram stains		Gram Stain		Fluid - Other	Cyst
Microbiology	Gram stains		Gram Stain		Fluid - Other	Thorocentesis
Microbiology	Gram stains		Gram Stain		Fluid - Pericardial	
Microbiology	Gram stains		Gram Stain		Fluid - Peritoneal	
Microbiology	Gram stains		Gram Stain		Fluid - Pleural	
Microbiology	Gram stains		Gram Stain		Fluid - Synovial	
Microbiology	Viral identification		Nucleic Acid Amplification test (NAAT)		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 - Cord	
Transfusion Medicine	ABO grouping		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Antibody screening		Serological - Gel		Blood - Cord	
Transfusion Medicine	Antibody screening		Serological - Manual	PEG / SIAT (tube method)	Blood - Cord	
Transfusion Medicine	Antibody screening		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Antibody screening		Serological - Manual	PEG / SIAT (tube method)	Blood - Venous whole blood	
Transfusion Medicine	Compatibility testing		Crossmatch - serological	Gel	Blood - Venous whole blood	
Transfusion Medicine	Compatibility testing		Crossmatch - serological	PEG / SIAT (tube method)	Blood - Venous whole blood	
Transfusion Medicine	Compatibility testing		Crossmatch - computer			

Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Manual		Blood - Cord	
Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Fetal maternal hemorrhage/fetal red cell detection – qualitative		Microscopy - Bright Field		Blood - Red Cells	
Transfusion Medicine	Pooling of Blood Products					
Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Store and Issue Blood Products					