



**DIAGNOSTIC ACCREDITATION PROGRAM**

College of Physicians and Surgeons of BC

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**Laboratory Medicine – Scope of Accreditation**

<b>Facility name</b>	North Island Hospital Campbell River & District
<b>Facility address</b>	375 - 2nd Avenue, Campbell River, BC, V9W 3V1
<b>Facility code</b>	0702LM
<b>Corporate entity/health authority</b>	Vancouver Island Health Authority
<b>Accreditation</b>	Full Accreditation
<b>Effective date</b>	2017-11-21
<b>Expiry date</b>	2022-11-21
<b>Laboratory Standards</b>	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	
Anatomical Pathology	Autopsy					
Anatomical Pathology	Fixation and Gross examination		Fixation and gross examination		Tissue - Fresh	
Anatomical Pathology	Fixation and Gross examination		Fixation and gross examination		Foreign bodies	
Anatomical Pathology	Intraoperative Consultations		Frozen section prep and staining		Tissue - Frozen	
Chemistry	Acetaminophen		Enzyme immunoassay		Blood - Plasma	
Chemistry	Alanine Aminotransferase (ALT)		Colorimetric		Blood - Plasma	
Chemistry	Albumin		Colorimetric		Blood - Plasma	
Chemistry	Albumin		Colorimetric		Fluid - Peritoneal	
Chemistry	Albumin		Colorimetric		Fluid - Other	Ascites Fluid
Chemistry	Albumin		Colorimetric		Urine	
Chemistry	Alkaline phosphatase		Colorimetric		Blood - Plasma	
Chemistry	Amphetamine		Lateral Flow Immunoassay		Urine	
Chemistry	Aspartate Aminotransferase (AST)		Colorimetric		Blood - Plasma	
Chemistry	Benzodiazepines		Lateral Flow Immunoassay		Urine	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, total		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, total		Colorimetric		Blood - Cord	
Chemistry	Bilirubin, total		Colorimetric		Fluid - Peritoneal	
Chemistry	Bilirubin, total		Colorimetric		Fluid - Other	Jackson Pratt (JP) Drainage
Chemistry	Bilirubin, total	Neonatal Bilirubin	Colorimetric		Blood - Plasma	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Cord	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pCO2		Potentiometry		Other, specify	Capillary - Whole Blood
Chemistry	Blood gases – pH		Potentiometry		Blood - Cord	
Chemistry	Blood gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pH		Potentiometry		Other, specify	Capillary - Whole Blood

Chemistry	Blood gases – pH		Potentiometry		Fluid - Pleural	
Chemistry	Blood gases – pO2		Amperometry		Blood - Cord	
Chemistry	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pO2		Amperometry		Other, specify	Capillary - Whole Blood
Chemistry	Calcium, ionized		Potentiometry		Blood - Venous whole blood	
Chemistry	Calcium, total		Colorimetric		Blood - Plasma	
Chemistry	Calcium, total		Colorimetric		Urine	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Carbamazepine		Turbidimetry		Blood - Serum	
Chemistry	Chloride		Potentiometry		Blood - Venous whole blood	
Chemistry	Chloride		Ion Selective Electrode		Blood - Plasma	
Chemistry	Chloride		Ion Selective Electrode		Urine	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Plasma	
Chemistry	Cholesterol, LDL		Other, specify	Calculated	Blood - Plasma	
Chemistry	Cholesterol, total		Colorimetric		Blood - Plasma	
Chemistry	CO2, total		Potentiometry		Blood - Venous whole blood	
Chemistry	CO2, total		Colorimetric		Blood - Plasma	
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
Chemistry	C-reactive protein (CRP)		Turbidimetry		Blood - Serum	
Chemistry	Creatine kinase (CK)		Colorimetric		Blood - Plasma	
Chemistry	Creatinine		Colorimetric		Blood - Plasma	
Chemistry	Creatinine		Colorimetric		Fluid - Peritoneal	
Chemistry	Creatinine		Colorimetric		Fluid - Other	Jackson Pratt (JP) Drainage
Chemistry	Creatinine		Colorimetric		Fluid - Other	Peritoneal Dialysate
Chemistry	Creatinine		Colorimetric		Urine	
Chemistry	Creatinine		Electrochemistry		Blood - Venous whole blood	
Chemistry	Digoxin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Ethanol		Enzymology		Blood - Plasma	
Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine	
Chemistry	Ferritin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Gamma-glutamyl transferase (GGT)		Colorimetric		Blood - Plasma	
Chemistry	Gentamicin		Turbidimetry		Blood - Serum	
Chemistry	Glucose		Colorimetric		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Glucose		Colorimetric		Blood - Venous whole blood	
Chemistry	Glucose		Colorimetric		Fluid - Other	Peritoneal Dialysate
Chemistry	Glucose		Amperometry		Blood - Venous whole blood	
Chemistry	Human chorionic gonadotropin (hCG)	Qualitative	Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)	Quantitative	Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	Iron, total		Colorimetric		Blood - Serum	
Chemistry	Lactate		Colorimetric		Blood - Plasma	
Chemistry	Lactate		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Lactate		Colorimetric		Blood - Venous whole blood	
Chemistry	Lactate		Amperometry		Blood - Venous whole blood	

Chemistry	Lactate dehydrogenase (LD)		Colorimetric		Blood - Plasma	
Chemistry	Lactate dehydrogenase (LD)		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Lactate dehydrogenase (LD)		Colorimetric		Fluid - Pleural	
Chemistry	Lipase		Colorimetric		Blood - Plasma	
Chemistry	Lipase		Colorimetric		Fluid - Peritoneal	
Chemistry	Lipase		Colorimetric		Fluid - Other	Jackson Pratt (JP) Drainage
Chemistry	Lipase		Colorimetric		Fluid - Other	Pancreatic Cyst
Chemistry	Magnesium		Colorimetric		Blood - Plasma	
Chemistry	Magnesium		Colorimetric		Urine	
Chemistry	Methadone metabolite (EDDP)		Lateral Flow Immunoassay		Urine	
Chemistry	Occult blood – guaiac		Colorimetric		Stool	
Chemistry	Osmolality		Other, specify	Freezing Point Depression	Blood - Serum	
Chemistry	Osmolality		Other, specify	Freezing Point Depression	Urine	
Chemistry	Other, specify	Morphine	Lateral Flow Immunoassay		Urine	
Chemistry	Other, specify	Buprenorphine	Lateral Flow Immunoassay		Urine	
Chemistry	Other, specify	Fluid Crystals	Microscopy - Polarization		Fluid - Synovial	
Chemistry	Oximetry		Colorimetric		Blood - Arterial whole blood	
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine	
Chemistry	Phenytoin		Enzyme immunoassay		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Blood - Plasma	
Chemistry	Phosphorus		Colorimetric		Urine	
Chemistry	Potassium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Potassium		Potentiometry		Blood - Venous whole blood	
Chemistry	Potassium		Ion Selective Electrode		Urine	
Chemistry	Prostate specific antigen (PSA), total		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Protein, total		Colorimetric		Blood - Plasma	
Chemistry	Protein, total		Colorimetric		Fluid - Pleural	
Chemistry	Protein, total		Colorimetric		Urine	
Chemistry	Protein, total		Colorimetric		Fluid - Cerebrospinal	
Chemistry	ROM - Fetal fibronectin (FN)		Immunochemistry		Swab	
Chemistry	ROM - Insulin-like Growth Factor		Lateral Flow Immunoassay		Swab	
Chemistry	Salicylate		Colorimetric		Blood - Plasma	
Chemistry	Sodium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Sodium		Potentiometry		Blood - Venous whole blood	
Chemistry	Sodium		Ion Selective Electrode		Urine	
Chemistry	T4, free		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Thyroid-stimulating hormone (TSH)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Total iron-binding capacity (TIBC)		Other, specify	Calculated	Blood - Serum	
Chemistry	Triglycerides		Colorimetric		Blood - Plasma	
Chemistry	Triglycerides		Colorimetric		Fluid - Pleural	
Chemistry	Troponin I		Enzyme immunoassay		Blood - Plasma	
Chemistry	Troponin I		Amperometry		Blood - Venous whole blood	
Chemistry	Urea		Colorimetric		Blood - Plasma	
Chemistry	Urea		Colorimetric		Fluid - Other	Dialysate
Chemistry	Urea		Colorimetric		Fluid - Other	Peritoneal Dialysate
Chemistry	Urea		Colorimetric		Urine	
Chemistry	Urea		Potentiometry		Blood - Venous whole blood	
Chemistry	Uric acid		Colorimetric		Blood - Plasma	
Chemistry	Uric acid		Colorimetric		Urine	
Chemistry	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine	

Chemistry	Urinalysis, microscopic		Microscopy - Phase contrast		Urine
Chemistry	Valproic acid		Enzyme immunoassay		Blood - Serum
Chemistry	Vancomycin		Colorimetric		Blood - Serum
Chemistry	Vitamin B12		Immunoassay, chemiluminescence		Blood - Serum
Hematology	Activated partial thromboplastin time		Photometric		Blood - Plasma
Hematology	Blood parasite antigen detection		Lateral Flow Immunoassay		Blood - Venous whole blood
Hematology	Blood parasite identification		Routine Blood Cell staining (example:		Blood - Venous whole blood
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance		Fluid - Peritoneal
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance		Fluid - Pleural
Hematology	Body fluid cell count, automated		Flow cytometry & Impedance		Fluid - Synovial
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Cerebrospinal
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Peritoneal
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Pleural
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Synovial
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Blood - Venous whole blood
Hematology	Cell identification / morphology - Routine stain(s)		Microscopy - Bright Field		Fluid - Cerebrospinal
Hematology	Complete Blood Count (CBC) - WBC, RBC, Hb, HCT, MCV, MCH, MCHC, RDW, Platelet Count, PDW, WBC		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood
Hematology	D-dimer		Immunoassay		Blood - Plasma
Hematology	Eosinophils, in secretions and excretions		Routine Blood Cell staining (example: Wright/Giemsa)		Urine
Hematology	Erythrocyte sedimentation rate (ESR)		Westergren method		Blood - Venous whole blood
Hematology	Fibrinogen		Photometric		Blood - Plasma
Hematology	Hematocrit (HCT)		Colorimetric		Fluid - Pleural
Hematology	Hemoglobin (Hb)		Other, specify	Conductivity	Blood - Venous whole blood
Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Venous whole blood
Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma
Hematology	Other, specify	Nucleated Red Blood Cells	Routine Blood Cell staining (example: Wright/Giemsa)		Blood - Venous whole blood
Hematology	Reticulocyte count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood
Hematology	Reticulocyte count, manual		Special stains - Hematology		Blood - Venous whole blood
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Bright Field		Semen
Hematology	Thrombin time		Photometric		Blood - Venous whole blood
Hematology	WBC differential – manual		Routine Blood Cell staining (example:		Blood - Venous whole blood
Microbiology	Bacterial identification		Immunoassay		Stool
POCT	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood
POCT	Blood gases – pH		Potentiometry		Blood - Venous whole blood

POCT	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
POCT	Glucose		Electrochemistry		Other, specify	Capillary - Whole Blood
POCT	Hemoglobin A1c		Immunturbidometry		Blood - Venous whole blood	
POCT	Urinalysis, macroscopic		Dipstick		Urine	
Transfusion Medicine	ABO grouping		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Antibody investigation		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Antibody screening		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Compatibility testing		Crossmatch - computer			
Transfusion Medicine	Compatibility testing		Crossmatch - serological		Blood - Plasma	
Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Fetal maternal hemorrhage/fetal red		Serological - Other		Blood - Venous whole blood	
Transfusion Medicine	Phenotyping		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Rh (D) typing		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Rh (D) typing		Serological - Gel		Blood - Cord	
Transfusion Medicine	Store and Issue Blood Products					