

DIAGNOSTIC ACCREDITATION PROGRAM

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Laboratory Medicine – Scope of Accreditation

Facility name	Kitimat General Hospital and Health Centre
Facility address	920 Lahakas Blvd South, Kitimat, BC V8C 2S3
Facility code	0310LM
Corporate entity/health authority	Northern Health Authority
Accreditation	Full Accreditation
Effective date	2021-09-21
Expiry date	2025-11-17
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)	Methodology/principle	Sample Type
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 (ALP)	Spectrophotometry	Blood - Plasma
Chemistry	Alkaline phosphatase (ALP)	Spectrophotometry	Blood - Serum
Chemistry	Amphetamine	Immunoassay, lateral flow	Urine
Chemistry	Aspartate Aminotransferase (AST)	Spectrophotometry	Blood - Plasma
Chemistry	Aspartate Aminotransferase (AST)	Spectrophotometry	Blood - Serum
Chemistry	Barbiturates	Immunoassay, lateral flow	Urine
Chemistry	Benzodiazepines	Immunoassay, lateral flow	Urine
Chemistry	Blood gases – pCO ₂	Potentiometry	Blood - Arterial whole blood
Chemistry	Blood gases – pCO ₂	Potentiometry	Blood - Cord
Chemistry	Blood gases – pCO ₂	Potentiometry	Blood - Venous whole blood
Chemistry	Blood gases – pH	Potentiometry	Blood - Arterial whole blood

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Blood gases – pH	Potentiometry	Blood - Cord
Chemistry	Blood gases – pH	Potentiometry	Blood - Venous whole blood
Chemistry	Blood gases – pO ₂	Amperometry	Blood - Arterial whole blood
Chemistry	Blood gases – pO ₂	Amperometry	Blood - Venous whole blood
Chemistry	Blood gases – pO ₂	Potentiometry	Blood - Arterial whole blood
Chemistry	Blood gases – pO ₂	Potentiometry	Blood - Cord
Chemistry	B-type natriuretic peptide (BNP / NT-proBNP)	Immunoassay	Blood - Venous whole blood
Chemistry	Calcium, total	Spectrophotometry	Blood - Plasma
Chemistry	Calcium, total	Spectrophotometry	Blood - Serum
Chemistry	Cannabinoids	Immunoassay, lateral flow	Urine
Chemistry	Chloride	Ion Selective Electrode (ISE)	Blood - Plasma
Chemistry	Chloride	Ion Selective Electrode (ISE)	Blood - Serum
Chemistry	Chloride	Potentiometry	Blood - Venous whole blood
Chemistry	Cholesterol, HDL	Colorimetric	Blood - Plasma
Chemistry	Cholesterol, HDL	Colorimetric	Blood - Serum
Chemistry	Cholesterol, LDL	Calculated	Blood - Plasma
Chemistry	Cholesterol, LDL	Calculated	Blood - Serum
Chemistry	Cholesterol, total	Colorimetric	Blood - Plasma
Chemistry	Cholesterol, total	Colorimetric	Blood - Serum
Chemistry	CO ₂ , total	Potentiometry	Blood - Venous whole blood
Chemistry	CO ₂ , total	Spectrophotometry	Blood - Plasma
Chemistry	CO ₂ , total	Spectrophotometry	Blood - Serum
Chemistry	Cocaine derivatives	Immunoassay, lateral flow	Urine
Chemistry	C-reactive protein (CRP)	Immunoturbidometry	Blood - Plasma
Chemistry	C-reactive protein (CRP)	Immunoturbidometry	Blood - Serum
Chemistry	Creatine kinase (CK)	Spectrophotometry	Blood - Plasma
Chemistry	Creatine kinase (CK)	Spectrophotometry	Blood - Serum
Chemistry	Creatinine	Amperometry	Blood - Venous whole blood

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Creatinine	Spectrophotometry	Blood - Plasma
Chemistry	Creatinine	Spectrophotometry	Blood - Serum
Chemistry	Creatinine	Spectrophotometry	Urine
Chemistry	estimated Glomerular Filtration Rate (eGFR)	Calculated	Blood - Plasma
Chemistry	estimated Glomerular Filtration Rate (eGFR)	Calculated	Blood - Serum
Chemistry	Ethanol	Spectrophotometry	Blood - Serum
Chemistry	Fentanyl	Immunoassay, lateral flow	Urine
Chemistry	Gamma-glutamyl transferase (GGT)	Spectrophotometry	Blood - Plasma
Chemistry	Gamma-glutamyl transferase (GGT)	Spectrophotometry	Blood - Serum
Chemistry	Glucose	Spectrophotometry	Blood - Plasma
Chemistry	Glucose	Spectrophotometry	Blood - Serum
Chemistry	Glucose	Spectrophotometry	Fluid - Cerebrospinal
Chemistry	Human chorionic gonadotropin (hCG) Qualitative	Immunoassay, lateral flow	Blood - Serum
Chemistry	Human chorionic gonadotropin (hCG) Qualitative	Immunoassay, lateral flow	Urine
Chemistry	Lactate	Colorimetric	Blood - Plasma
Chemistry	Lactate dehydrogenase (LDH)	Spectrophotometry	Blood - Plasma
Chemistry	Lactate dehydrogenase (LDH)	Spectrophotometry	Blood - Serum
Chemistry	Lipase	Colorimetric	Blood - Plasma
Chemistry	Lipase	Colorimetric	Blood - Serum
Chemistry	Magnesium	Colorimetric	Blood - Plasma
Chemistry	Magnesium	Colorimetric	Blood - Serum
Chemistry	Methadone	Immunoassay, lateral flow	Urine
Chemistry	Methadone metabolite (EDDP)	Immunoassay, lateral flow	Urine
Chemistry	Methamphetamine	Immunoassay, lateral flow	Urine
Chemistry	Methylenedioxy-methamphetamine (MDMA)	Immunoassay, lateral flow	Urine
Chemistry	Opiates	Immunoassay, lateral flow	Urine
Chemistry	Oxycodone	Immunoassay, lateral flow	Urine
Chemistry	Phosphorus	Spectrophotometry	Blood - Plasma

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Chemistry	Phosphorus	Spectrophotometry	Blood - Serum
Chemistry	Potassium	Ion Selective Electrode (ISE)	Blood - Plasma
Chemistry	Potassium	Ion Selective Electrode (ISE)	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	Protein, total	Colorimetric	Urine
Chemistry	Salicylate	Spectrophotometry	Blood - Serum
Chemistry	Sodium	Ion Selective Electrode (ISE)	Blood - Plasma
Chemistry	Sodium	Ion Selective Electrode (ISE)	Blood - Serum
Chemistry	Sodium	Potentiometry	Blood - Venous whole blood
Chemistry	Tricyclic Antidepressants (TCA)	Immunoassay, lateral flow	Urine
Chemistry	Triglycerides	Colorimetric	Blood - Plasma
Chemistry	Triglycerides	Colorimetric	Blood - Serum
Chemistry	Troponin T	Immunoassay	Blood - Venous whole blood
Chemistry	Urea	Potentiometry	Blood - Venous whole blood
Chemistry	Urea	Spectrophotometry	Blood - Plasma
Chemistry	Urea	Spectrophotometry	Blood - Serum
Chemistry	Uric acid	Colorimetric	Blood - Plasma
Chemistry	Uric acid	Colorimetric	Blood - Serum
Chemistry	Urinalysis, macroscopic	Reflectance photometry	Urine
Chemistry	Urinalysis, microscopic	Microscopy - Phase contrast	Urine
Hematology	Activated partial thromboplastin time (aPTT)	Clot Detection - Mechanical	Blood - Plasma
Hematology	Blood parasite antigen detection	Immunoassay, lateral flow	Blood - Venous whole blood
Hematology	Blood parasite identification	Stains, Routine	Blood - Venous whole blood
Hematology	Blood parasite percent parasitemia	Microscopy - Bright Field	Blood - Venous whole blood
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fine Needle Aspiration

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Cerebrospinal
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Peritoneal
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Pleural
Hematology	Cell Count, Red Blood Cell (RBC)	Hemocytometer	Fluid - Synovial
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fine Needle Aspiration
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Cerebrospinal
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Peritoneal
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Pleural
Hematology	Cell Count, White Blood Cell (WBC)	Hemocytometer	Fluid - Synovial
Hematology	Cell morphology - Routine stain(s)	Microscopy - Bright Field	Blood - Venous whole blood
Hematology	Complete Blood Count (CBC) - 5 part differential	Flow cytometry & Impedance counting & Turbidimetric, combined	Blood - Venous whole blood
Hematology	D-dimer	Immunoassay	Blood - Venous whole blood
Hematology	Eosinophils in secretions, excretions and other body fluids	Stains, Routine	Urine
Hematology	Erythrocyte sedimentation rate (ESR)	Modified Westergren method	Blood - Venous whole blood
Hematology	Infectious mononucleosis	Immunoassay, lateral flow	Blood - Serum
Hematology	Infectious mononucleosis	Immunoassay, lateral flow	Blood - Venous whole blood
Hematology	International normalized ratio (INR)	Calculated	Blood - Plasma
Hematology	Semen analysis, Count	Hemocytometer	Fluid - Semen
Hematology	Semen analysis, Morphology	Microscopy - Bright Field	Fluid - Semen
Hematology	Semen analysis, Motility	Microscopy - Bright Field	Fluid - Semen
Hematology	Semen analysis, Post Vasectomy - presence/absence	Microscopy - Bright Field	Fluid - Semen
Hematology	Semen analysis, viability	Stains, Special	Fluid - Semen
Hematology	WBC differential	Microscopy - Bright Field	Blood - Venous whole blood
Hematology	WBC differential	Stains, Routine	Blood - Venous whole blood
Hematology	WBC differential	Stains, Routine	Fine Needle Aspiration
Hematology	WBC differential	Stains, Routine	Fluid - Cerebrospinal
Hematology	WBC differential	Stains, Routine	Fluid - Peritoneal
Hematology	WBC differential	Stains, Routine	Fluid - Pleural

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Hematology	WBC differential	Stains, Routine	Fluid - Synovial
Microbiology	Stains, Gram	Microscopy - Bright Field	Fine Needle Aspiration
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Cerebrospinal
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Peritoneal
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Pleural
Microbiology	Stains, Gram	Microscopy - Bright Field	Fluid - Synovial
Microbiology	Stains, Gram	Microscopy - Bright Field	Swab
POCT	Glucose	Electrochemistry	Blood - Capillary whole blood
POCT	Human chorionic gonadotropin (hCG) Qualitative	Immunoassay, lateral flow	Urine
POCT	Urinalysis, macroscopic	Reflectance photometry	Urine
Sample Collection	Sample Collection	Capillary	Blood
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Sputum
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Stool
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Swab
Sample Collection	Sample Collection	Providing patient instructions for self-collected samples	Urine
Sample Collection	Sample Collection	Venipuncture	Blood
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Blood
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Fluid
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Foreign bodies
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Sputum
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Stool
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Swab
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Tissue
Sample Collection	Sample Processing	Receipt, accessioning, storage, transportation, disposal	Urine
Transfusion Medicine	ABO typing	Serological - Manual	Blood - Venous whole blood
Transfusion Medicine	Antibody screening	Serological - Gel	Blood - Plasma
Transfusion Medicine	Antibody screening	Serological - Manual, PEG	Blood - Plasma
Transfusion Medicine	Compatibility testing	Crossmatch - computer	N/A

DAP Scope Classification	Examination (Analyte/Procedure)	Methodology/principle	Sample Type
Transfusion Medicine	Compatibility testing	Crossmatch - serological	Blood - Plasma
Transfusion Medicine	Direct antiglobulin test (DAT)	Serological - Manual	Blood - Venous whole blood
Transfusion Medicine	Receipt, Storage and Issue Blood Products	N/A	N/A
Transfusion Medicine	Rh (D) typing	Serological - Manual	Blood - Venous whole blood