



**DIAGNOSTIC ACCREDITATION PROGRAM**

College of Physicians and Surgeons of BC

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**Laboratory Medicine – Scope of Accreditation**

<b>Facility name</b>	Valley Medical Laboratories - Kelowna
<b>Facility address</b>	105-537 Leon Ave, Kelowna BC, V1Y 6J5
<b>Facility code</b>	5122LM
<b>Corporate entity/health authority</b>	Valley Medical Laboratories

<b>Accreditation</b>	Full Accreditation
<b>Effective date</b>	2021-08-27
<b>Expiry date</b>	2025-12-10
<b>Laboratory Standard</b>	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	1,25-diOH Vitamin D		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Albumin		Colorimetric		Blood - Serum	
Chemistry	Albumin		Immunoturbidometry		Urine	
Chemistry	Alkaline phosphatase		Colorimetric		Blood - Serum	
Chemistry	ALT		Colorimetric		Blood - Serum	
Chemistry	Amphetamine		Immunoturbidometry		Urine	
Chemistry	Amylase		Colorimetric		Serum	
Chemistry	Antinuclear antibody (ANA)		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-tissue transglutaminase (tTG), IgA and IgG		Enzyme immunoassay		Blood - Serum	
Chemistry	Anti-TPO antibody		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Apolipoprotein B		Immunoturbidometry		Blood - Serum	
Chemistry	AST		Colorimetric		Blood - Serum	
Chemistry	Benzodiazepines		Immunoturbidometry		Urine	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Serum	
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Urine	
Chemistry	Cannabinoids		Immunoturbidometry		Urine	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
Chemistry	Chloride		Ion Selective Electrode		Urine	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	

Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
Chemistry	CO2, total		Colorimetric		Blood - Serum	
Chemistry	Cocaine derivatives		Immunoturbidometry		Urine	
Chemistry	Cortisol		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	C-reactive protein (CRP)		Colorimetric		Blood - Serum	
Chemistry	Creatine kinase (CK)		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Urine	
Chemistry	DHEA / DHEA sulfate		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Digoxin		Immunoturbidometry		Blood - Serum	
Chemistry	Estradiol		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Ethanol		Colorimetric		Urine	
Chemistry	Fecal immunochemical test (FIT)		Other, specify	Immunoassay	Stool	
Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine	
Chemistry	Ferritin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Follicle-stimulating hormone (FSH)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Gamma-glutamyl transferase (GGT)		Colorimetric		Blood - Serum	
Chemistry	Glucose		Colorimetric		Blood - Serum	
Chemistry	Hemoglobin A1c		Immunoassay		Blood - Venous whole blood	
Chemistry	Hemoglobin A1C		HPLC (High performance liquid chromatography)		Blood - Venous whole blood	
Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	IgG		Immunoturbidometry		Blood - Serum	
Chemistry	IgM		Immunoturbidometry		Blood - Serum	
Chemistry	Iron, total		Colorimetric		Blood - Serum	
Chemistry	Lactate dehydrogenase (LD)		Colorimetric		Blood - Serum	
Chemistry	IgA		Immunoturbidometry		Blood - Serum	
Chemistry	IgE, total		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Lipase		Colorimetric		Blood - Serum	
Chemistry	Lithium		Colorimetric		Blood - Serum	
Chemistry	Luteinizing hormone (LH)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Blood - Serum	
Chemistry	Methadone metabolite (EDDP)		Enzyme immunoassay		Urine	
Chemistry	Opiates		Immunoturbidometry		Urine	
Chemistry	Other, specify	eGFR	Other, specify	Calculated	Blood - Serum	
Chemistry	Oxycodone		Enzyme immunoassay		Urine	
Chemistry	Parathyroid hormone (PTH)		Immunoassay, chemiluminescence		Blood - Serum	

Chemistry	Phenytoin		Immunoturbidometry		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Urine	
Chemistry	Phosphorus		Colorimetric		Blood - Serum	
Chemistry	Potassium		Ion Selective Electrode		Urine	
Chemistry	Potassium		Ion Selective Electrode		Blood - Serum	
Chemistry	Progesterone		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Prolactin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Prostate specific antigen (PSA), total		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Protein electrophoresis, including urine Bence Jones proteins		Electrophoresis, Capillary		Blood - Serum	
Chemistry	Protein, total		Turbidimetric		Urine	
Chemistry	Protein, total		Colorimetric		Blood - Serum	
Chemistry	Rheumatoid factor (RF)		Immunoturbidometry		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Urine	
Chemistry	Sodium		Ion Selective Electrode		Blood - Serum	
Chemistry	T3, free		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	T4, free		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Testosterone		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 - Serum	
Chemistry	Urea		Colorimetric		Urine	
Chemistry	Urea		Colorimetric		Blood - Serum	
Chemistry	Uric acid		Colorimetric		Urine	
Chemistry	Uric acid		Colorimetric		Blood - Serum	
Chemistry	Urinalysis, macroscopic		Other, specify	Reflectance Photometry	Urine	
Chemistry	Urinalysis, macroscopic		Other, specify	Digital Image	Urine	
Chemistry	Urinalysis, microscopic		Other, specify	Digital Image	Urine	
Chemistry	Urinalysis, microscopic		Microscopy - Phase contrast		Urine	
Chemistry	Valproic acid		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Vitamin B12		Immunoassay, chemiluminescence		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	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	Eosinophils, in secretions and excretions		Routine Blood Cell staining (example: Wright/Giemsa)		Sputum	

Hematology	Eosinophils, in secretions and excretions		Routine Blood Cell staining (example: Wright/Giemsa)		Swab	
Hematology	Erythrocyte sedimentation rate (ESR), manual		Westergren method		Blood - Venous whole blood	
Hematology	Infectious mononucleosis		Latex agglutination		Blood - Serum	
Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma	
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, Complete - Count, Morphology, Motility		Microscopy - Bright Field		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	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Sputum	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Stool	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Swab	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Urine	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Sputum	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Stool	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Swab	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Urine	
Microbiology	Bacterial identification		Automated Microorganism ID		Sputum	
Microbiology	Bacterial identification		Automated Microorganism ID		Stool	
Microbiology	Bacterial identification		Automated Microorganism ID		Swab	
Microbiology	Bacterial identification		Automated Microorganism ID		Urine	
Microbiology	Bacterial identification		MALDI TOF mass spectrometry		Sputum	
Microbiology	Bacterial identification		MALDI TOF mass spectrometry		Stool	
Microbiology	Bacterial identification		MALDI TOF mass spectrometry		Swab	
Microbiology	Bacterial identification		MALDI TOF mass spectrometry		Swab	
Microbiology	Bacterial identification		MALDI TOF mass spectrometry		Urine	
Microbiology	Bacterial identification		Manual Microorganism ID		Sputum	
Microbiology	Bacterial identification		Manual Microorganism ID		Stool	
Microbiology	Bacterial identification		Manual Microorganism ID		Swab	

Microbiology	Bacterial identification		Manual Microorganism ID		Urine	
Microbiology	Bacterial identification		Latex agglutination		Sputum	
Microbiology	Bacterial identification		Latex agglutination		Swab	
Microbiology	Bacterial identification		Latex agglutination		Urine	
Microbiology	Bacterial identification		Latex agglutination		Stool	
Microbiology	Bacterial identification		Plating cultures		Swab	
Microbiology	Bacterial identification		Plating cultures		Stool	
Microbiology	Bacterial identification		Plating cultures		Urine	
Microbiology	Bacterial identification		Plating cultures		Sputum	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Swab	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Urine	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Swab	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Urine	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Swab	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Urine	
Microbiology	Bacterial identification		Immunoassay		Stool	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Stool	
Microbiology	Bacterial identification		Polymerase Chain Reaction (PCR)		Swab	
Microbiology	Enteric parasite identification		Microscopy - Bright Field		Stool	
Microbiology	Enteric parasite identification		Microscopy - Fluorescent		Stool	
Microbiology	Enteric parasite identification		Microscopy - Bright Field		Urine	
Microbiology	Enteric parasite identification		Polymerase Chain Reaction (PCR)		Stool	
Microbiology	Gram stains		Gram Stain		Sputum	
Microbiology	Gram stains		Gram Stain		Swab	
Microbiology	Gram stains		Gram Stain		Swab	
Microbiology	Gram stains		Gram Stain		Urine	
Microbiology	Gram stains		Gram Stain		Sputum	
Microbiology	Gram stains		Gram Stain		Swab	
Microbiology	Gram stains		Gram Stain		Urine	
Microbiology	Parasite identification		Microscopy - Bright Field		Foreign bodies	
Microbiology	Viral identification		Polymerase Chain Reaction (PCR)		Swab	
Microbiology	Viral identification		Polymerase Chain Reaction (PCR)		Other, specify	Saline gargle