



DIAGNOSTIC ACCREDITATION PROGRAM

College of Physicians and Surgeons of BC
 300-669 Howe Street Telephone: 604-733-7758
 Vancouver BC V6C 0B4 Toll free: 1-800-461-3008 (in BC)
 www.cpsbc.ca Fax: 604-733-3503

Laboratory Medicine – Scope of Accreditation

Facility name	Royal Inland Hospital
Facility address	311 Columbia St Kamloops BC, V2C 2T1
Facility code	0229LM
Corporate entity/health authority	Interior Health Authority

Accreditation	Full Accreditation
Effective date	2017-03-15
Expiry date	2022-05-11
Laboratory Standard	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	Immunohistochemistry - Class I		IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Intraoperative Consultations		Frozen section prep and staining		Tissue - Frozen	
Anatomical Pathology	Microtomy		Microtomy		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Routine microscopy		Microscopy - Bright Field		Tissue - Formalin Fixed Paraffin	
Anatomical Pathology	Tissue processing and embedding		Tissue processing (e.g. • block prep, embedding)		Tissue - Formalin Fixed	
Anatomical Pathology	Tissue staining, automated		Routine stains (example: Hematoxylin & Eosin)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Tissue staining, manual		Routine stains (example: Hematoxylin & Eosin)		Tissue - Formalin Fixed Paraffin Embedded	
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	Albumin		Colorimetric		Fluid - Other	*As per IH policy reporting any fluid
Chemistry	Albumin	Microalbumin	Turbidimetry		Urine	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Plasma	
Chemistry	Alkaline phosphatase		Spectrophotometry		Blood - Serum	

Chemistry	Ammonia		Colorimetric		Blood - Plasma	
Chemistry	Amphetamine		Lateral Flow Immunoassay		Urine	
Chemistry	Amylase		Spectrophotometry		Blood - Plasma	
Chemistry	Amylase		Spectrophotometry		Blood - Serum	
Chemistry	Amylase		Spectrophotometry		Fluid - Other	*As per IH policy reporting any fluid
Chemistry	Amylase		Spectrophotometry		Urine	
Chemistry	Antibodies to Extractable Nuclear Antigens		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-double stranded DNA antibody		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-Jo 1 antibody		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-Mitochondrial antibody (AMA)		Immunofluorescence staining		Blood - Serum	
Chemistry	Antineutrophil cytoplasmic antibody (ANCA, anti-MPO, anti- PR3)		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Antinuclear antibody (ANA)		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-Scl 70		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-Thyroid Peroxidase Antibody		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Anti-Thyroid Peroxidase Antibody		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Anti-tissue transglutaminase (tTG), IgA and IgG		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Plasma	
Chemistry	Aspartate Aminotransferase (AST)		Spectrophotometry		Blood - Serum	
Chemistry	Barbiturates		Lateral Flow Immunoassay		Urine	
Chemistry	Benzodiazepines		Lateral Flow Immunoassay		Urine	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Serum	
Chemistry	Bilirubin, total		Colorimetric		Blood - Plasma	
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum	
Chemistry	Blood Gases – pCO2		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pCO2		Amperometry		Blood - Cord	
Chemistry	Blood gases – pCO2		Amperometry		Other, specify	Whole blood capillary
Chemistry	Blood Gases – pH		Potentiometry		Blood - Arterial whole blood	
Chemistry	Blood Gases – pH		Potentiometry		Blood - Venous whole blood	
Chemistry	Blood gases – pH		Amperometry		Blood - Cord	
Chemistry	Blood gases – pH		Amperometry		Other, specify	Whole blood capillary
Chemistry	Blood Gases – pO2		Amperometry		Blood - Arterial whole blood	

Chemistry	Blood gases – pO2		Amperometry		Blood - Venous whole blood	
Chemistry	Blood gases – pO2		Amperometry		Blood - Cord	
Chemistry	Blood gases – pO2		Amperometry		Other, specify	Whole blood capillary
Chemistry	BNP / NT-proBNP		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Calcium, ionized		Potentiometry		Blood - Arterial whole blood	
Chemistry	Calcium, ionized		Potentiometry		Blood - Venous whole blood	
Chemistry	Calcium, ionized		Potentiometry		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Blood - Plasma	
Chemistry	Calcium, total		Colorimetric		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Urine	
Chemistry	Cannabinoids		Lateral Flow Immunoassay		Urine	
Chemistry	Carbamazepine		Enzyme immunoassay		Blood - Plasma	
Chemistry	Carbamazepine		Enzyme immunoassay		Blood - Serum	
Chemistry	Carbamazepine		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Carbamazepine		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Chloride		Potentiometry		Urine	
Chemistry	Chloride		Potentiometry		Blood - Plasma	
Chemistry	Chloride		Potentiometry		Blood - Serum	
Chemistry	Chloride		Potentiometry		Blood - Arterial whole blood	
Chemistry	Chloride		Potentiometry		Blood - Venous whole blood	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Plasma	
Chemistry	Cholesterol, HDL		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Blood - Plasma	
Chemistry	Cholesterol, total		Colorimetric		Blood - Serum	
Chemistry	Cholesterol, total		Colorimetric		Fluid - Other	*As per IH policy reporting any fluid
Chemistry	CO2, total		Spectrophotometry		Blood - Plasma	
Chemistry	CO2, total		Spectrophotometry		Blood - Serum	
Chemistry	CO2, total		Potentiometry		Blood - Venous whole blood	
Chemistry	CO2, total		Potentiometry		Blood - Arterial whole blood	
Chemistry	CO2, total		Amperometry		Blood - Cord	
Chemistry	CO2, total		Amperometry		Other, specify	Whole blood capillary
Chemistry	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
Chemistry	Complement C3		Turbidimetry		Blood - Serum	
Chemistry	Complement C4		Turbidimetry		Blood - Serum	
Chemistry	Cortisol		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Cortisol		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	C-reactive protein (CRP)		Enzyme immunoassay		Blood - Plasma	
Chemistry	C-reactive protein (CRP)		Enzyme immunoassay		Blood - Serum	
Chemistry	C-reactive protein (CRP)	hsCRP	Turbidimetry		Blood - Plasma	
Chemistry	C-reactive protein (CRP)	hsCRP	Turbidimetry		Blood - Serum	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Plasma	
Chemistry	Creatine kinase (CK)		Spectrophotometry		Blood - Serum	
Chemistry	Creatinine		Spectrophotometry		Blood - Plasma	

Chemistry	Creatinine		Spectrophotometry		Blood - Serum	
Chemistry	Creatinine	eGFR monitoring	Spectrophotometry		Blood - Plasma	
Chemistry	Creatinine	eGFR monitoring	Spectrophotometry		Blood - Serum	
Chemistry	Creatinine		Spectrophotometry		Urine	
Chemistry	Creatinine		Spectrophotometry		Fluid - Other	*As per IH policy reporting any fluid approved by Medical Biochemist
Chemistry	Cyclosporin		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Digoxin		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Digoxin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Estradiol		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Estradiol		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Ethanol		Colorimetric		Blood - Plasma	
Chemistry	Ethanol		Colorimetric		Blood - Serum	
Chemistry	Fentanyl		Lateral Flow Immunoassay		Urine	
Chemistry	Ferritin		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Ferritin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Follicle-stimulating hormone (FSH)		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Follicle-stimulating hormone (FSH)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Plasma	
Chemistry	Gamma-glutamyl transferase (GGT)		Spectrophotometry		Blood - Serum	
Chemistry	Gentamicin		Spectrophotometry		Blood - Serum	
Chemistry	Gentamicin		Spectrophotometry		Blood - Plasma	
Chemistry	Gentamicin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Gentamicin		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Blood - Serum	
Chemistry	Glucose		Amperometry		Blood - Venous whole blood	
Chemistry	Glucose		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Glucose		Colorimetric		Urine	
Chemistry	Glucose		Colorimetric		Fluid - Other	*As per IH policy reporting any fluid approved by Medical Biochemist
Chemistry	Haptoglobin		Turbidimetry		Blood - Serum	
Chemistry	Hemoglobin A1C		HPLC (High performance liquid chromatography)		Blood - Venous whole blood	
Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Blood - Serum	
Chemistry	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
Chemistry	IgA		Turbidimetry		Blood - Serum	
Chemistry	IgG		Turbidimetry		Blood - Serum	
Chemistry	IgM		Turbidimetry		Blood - Serum	
Chemistry	Iron, total		Spectrophotometry		Blood - Plasma	
Chemistry	Iron, total		Spectrophotometry		Blood - Serum	
Chemistry	Lactate		Colorimetric		Blood - Plasma	
Chemistry	Lactate		Colorimetric		Blood - Serum	
Chemistry	Lactate		Amperometry		Blood - Venous whole blood	
Chemistry	Lactate		Amperometry		Blood - Arterial whole blood	

Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Plasma	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Blood - Serum	
Chemistry	Lactate dehydrogenase (LD)		Spectrophotometry		Fluid - Other	*As per IH policy reporting any fluid
Chemistry	Lipase		Spectrophotometry		Blood - Plasma	
Chemistry	Lipase		Spectrophotometry		Blood - Serum	
Chemistry	Lithium		Colorimetric		Blood - Serum	
Chemistry	Luteinizing hormone (LH)		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Luteinizing hormone (LH)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Blood - Plasma	
Chemistry	Magnesium		Colorimetric		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Urine	
Chemistry	Methadone		Lateral Flow Immunoassay		Urine	
Chemistry	Methamphetamine		Lateral Flow Immunoassay		Urine	
Chemistry	Methylenedioxy- methamphetamine (MDMA)		Lateral Flow Immunoassay		Urine	
Chemistry	Opiates		Lateral Flow Immunoassay		Urine	
Chemistry	Osmolality		Osmometry		Blood - Serum	
Chemistry	Osmolality		Osmometry		Urine	
Chemistry	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	Bilirubin, Neonatal	Colorimetric		Blood - Serum	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Plasma	
Chemistry	Other, specify	Bilirubin, unconjugated	Colorimetric		Blood - Serum	
Chemistry	Other, specify	pH	Potentiometry		Fluid - Other	
Chemistry	Other, specify	Tricyclic Antidepressants	Lateral Flow Immunoassay		Urine	
Chemistry	Other, specify	Sweat Conductivity	Other, specify	Conductivity	Sweat	
Chemistry	Other, specify	Glomerular Basement Membrane Antibody	Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Other, specify	Anti-smooth muscle antibody	Immunofluorescence staining		Blood - Serum	
Chemistry	Oximetry		Oximetry		Blood - Arterial whole blood	
Chemistry	Oximetry		Oximetry		Blood - Venous whole blood	
Chemistry	Oximetry		Oximetry		Other, specify	Whole blood capillary
Chemistry	Oxycodone		Lateral Flow Immunoassay		Urine	
Chemistry	Parathyroid hormone (PTH)		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Parietal cell antibody		Immunofluorescence staining		Blood - Serum	
Chemistry	Phenytoin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Blood - Plasma	
Chemistry	Phosphorus		Colorimetric		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Urine	
Chemistry	Potassium		Potentiometry		Blood - Plasma	
Chemistry	Potassium		Potentiometry		Blood - Serum	
Chemistry	Potassium		Potentiometry		Urine	
Chemistry	Potassium		Potentiometry		Blood - Venous whole blood	
Chemistry	Progesterone		Immunoassay, chemiluminescence		Blood - Plasma	

Chemistry	Progesterone		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Prolactin		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Prolactin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Prostate specific antigen (PSA), total		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Protein electrophoresis, including		Electrophoresis, Gel		Blood - Serum	
Chemistry	Protein electrophoresis, including urine Bence Jones proteins		Electrophoresis, Gel		Urine	
Chemistry	Protein, total		Colorimetric		Blood - Plasma	
Chemistry	Protein, total		Colorimetric		Blood - Serum	
Chemistry	Protein, total		Colorimetric		Urine	
Chemistry	Protein, total		Colorimetric		Fluid - Cerebrospinal	
Chemistry	Protein, total		Colorimetric		Fluid - Other	*As per IH policy reporting any fluid
Chemistry	Rheumatoid factor (RF)		Spectrophotometry		Blood - Plasma	
Chemistry	Rheumatoid factor (RF)		Spectrophotometry		Blood - Serum	
Chemistry	ROM - Fetal fibronectin (FN)		Immunochemistry		Swab	
Chemistry	Salicylate		Colorimetric		Blood - Plasma	
Chemistry	Salicylate		Colorimetric		Blood - Serum	
Chemistry	Sodium		Potentiometry		Blood - Plasma	
Chemistry	Sodium		Potentiometry		Blood - Serum	
Chemistry	Sodium		Potentiometry		Urine	
Chemistry	Sodium		Potentiometry		Blood - Venous whole blood	
Chemistry	T3, free		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	T3, free		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	T4, free		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	T4, free		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Testosterone		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Testosterone		Immunoassay, chemiluminescence		Blood - Red Cells	
Chemistry	Theophylline		Spectrophotometry		Blood - Serum	
Chemistry	Thyroid-stimulating hormone (TSH)		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Thyroid-stimulating hormone (TSH)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Tobramycin		Spectrophotometry		Blood - Plasma	
Chemistry	Tobramycin		Spectrophotometry		Blood - Serum	
Chemistry	Total iron-binding capacity (TIBC)		Spectrophotometry		Blood - Plasma	
Chemistry	Total iron-binding capacity (TIBC)		Spectrophotometry		Blood - Serum	
Chemistry	Triglycerides		Colorimetric		Blood - Plasma	
Chemistry	Triglycerides		Colorimetric		Blood - Serum	
Chemistry	Troponin I/Troponin T		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Urea		Colorimetric		Blood - Plasma	
Chemistry	Urea		Colorimetric		Blood - Serum	
Chemistry	Urea		Colorimetric		Urine	
Chemistry	Uric acid		Colorimetric		Blood - Plasma	
Chemistry	Uric acid		Colorimetric		Blood - Serum	
Chemistry	Uric acid		Colorimetric		Urine	
Chemistry	Urinalysis, macroscopic		Dipstick		Urine	
Chemistry	Urinalysis, microscopic		Microscopy - Phase contrast		Urine	
Chemistry	Valproic Acid		Spectrophotometry		Blood - Plasma	
Chemistry	Valproic acid		Spectrophotometry		Blood - Serum	
Chemistry	Vancomycin		Spectrophotometry		Blood - Plasma	
Chemistry	Vancomycin		Spectrophotometry		Blood - Serum	

Chemistry	Vitamin B12		Immunoassay, chemiluminescence		Blood - Plasma	
Chemistry	Vitamin B12		Immunoassay, chemiluminescence		Blood - Serum	
Cytology	Immunohistochemistry - Class 1		IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin	
Cytology	Non-Gynecological		Cell block preparation		Bronchial washings / brushings	
Cytology	Non-Gynecological		Cell block preparation		Endoscopic Brushing	
Cytology	Non-Gynecological		Cell block preparation		Fine Needle Aspiration	
Cytology	Non-Gynecological		Cell block preparation		Fluid - Cerebrospinal	
Cytology	Non-Gynecological		Cell block preparation		Fluid - Other	
Cytology	Non-Gynecological		Cell block preparation		Fluid - Pericardial	
Cytology	Non-Gynecological		Cell block preparation		Fluid - Peritoneal	
Cytology	Non-Gynecological		Cell block preparation		Fluid - Pleural	
Cytology	Non-Gynecological		Cell block preparation		Fluid - Synovial	
Cytology	Non-Gynecological		Cytospin		Bronchial washings / brushings	
Cytology	Non-Gynecological		Cytospin		Fine Needle Aspiration	
Cytology	Non-Gynecological		Cytospin		Endoscopic Brushing	
Cytology	Non-Gynecological		Cytospin		Fluid - Cerebrospinal	
Cytology	Non-Gynecological		Cytospin		Fluid - Pericardial	
Cytology	Non-Gynecological		Cytospin		Fluid - Other	
Cytology	Non-Gynecological		Cytospin		Fluid - Peritoneal	
Cytology	Non-Gynecological		Cytospin		Fluid - Pleural	
Cytology	Non-Gynecological		Cytospin		Fluid - Synovial	
Cytology	Non-Gynecological		Cytospin		Sputum	
Cytology	Non-Gynecological		Giemsa staining	Diff Quik	Fine Needle Aspiration	
Cytology	Non-Gynecological		Giemsa staining	Diff Quik	Fluid - Pericardial	
Cytology	Non-Gynecological		Giemsa staining	Diff Quik	Fluid - Other	
Cytology	Non-Gynecological		Giemsa staining	Diff Quik	Fluid - Peritoneal	
Cytology	Non-Gynecological		Giemsa staining	Diff Quik	Fluid - Pleural	
Cytology	Non-Gynecological		Giemsa staining	Diff Quik	Fluid - Synovial	
Cytology	Non-Gynecological		Giemsa staining	Diff Quik	Endoscopic Brushing	
Cytology	Non-Gynecological		PAP staining		Bronchial washings / brushings	
Cytology	Non-Gynecological		PAP staining		Endoscopic Brushing	
Cytology	Non-Gynecological		PAP staining		Fine Needle Aspiration	

Cytology	Non-Gynecological		PAP staining		Fluid - Cerebrospinal	
Cytology	Non-Gynecological		PAP staining		Fluid - Other	
Cytology	Non-Gynecological		PAP staining		Fluid - Pericardial	
Cytology	Non-Gynecological		PAP staining		Fluid - Peritoneal	
Cytology	Non-Gynecological		PAP staining		Fluid - Pleural	
Cytology	Non-Gynecological		PAP staining		Fluid - Synovial	
Cytology	Non-Gynecological		PAP staining		Sputum	
Cytology	Non-Gynecological		PAP staining		Urine	
Cytology	Non-Gynecological		Smears, aspirate slide prep		Fine Needle Aspiration	
Cytology	Non-Gynecological		Thin prep		Urine	
Hematology	Activated partial thromboplastin time (aPTT)		Photometric		Blood - Plasma	
Hematology	Anti-thrombin activity/ antigen		Chromogenic Substrate		Blood - Plasma	
Hematology	Blood parasite antigen detection		Lateral Flow Immunoassay		Blood - Venous whole blood	
Hematology	Blood parasite antigen detection		Other, specify	Loop-mediated amplification technology (LAMP)	Blood - Venous whole blood	
Hematology	Blood parasite identification		Microscopy - Bright Field		Blood - Venous whole blood	
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 - Peritoneal	
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 - Other	Ascites
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, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Fluid - Other	Other fluids require approval by pathologist.
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Cerebrospinal	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Peritoneal	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Pericardial	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Other	Ascites

Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Pleural	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Synovial	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Other	Other fluids require approval by pathologist.
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	Cryoglobulin		Manual		Blood - Serum	
Hematology	D-dimer		Latex agglutination		Blood - Plasma	
Hematology	Eosinophils, in secretions and excretions		Routine Blood Cell staining (example: Wright/Giemsa)		Urine	
Hematology	Erythrocyte sedimentation rate (ESR)		Modified Westergren method		Blood - Venous whole blood	
Hematology	Factor II		Photometric		Blood - Plasma	
Hematology	Factor IX		Photometric		Blood - Plasma	
Hematology	Factor V		Photometric		Blood - Plasma	
Hematology	Factor VII		Photometric		Blood - Plasma	
Hematology	Factor VIII		Photometric		Blood - Plasma	
Hematology	Factor X		Photometric		Blood - Plasma	
Hematology	Factor XI		Photometric		Blood - Plasma	
Hematology	Fibrinogen		Photometric		Blood - Plasma	
Hematology	Glucose-6-phosphate dehydrogenase (G-6-PD)		Photometric		Blood - Venous whole blood	
Hematology	Infectious mononucleosis		Immunochromatography		Blood - Serum	
Hematology	International normalized ratio (INR)		Photometric		Blood - Plasma	
Hematology	Lupus anticoagulant (e.g. dRVVT or other phospholipid assay)		Photometric		Blood - Plasma	
Hematology	Other, specify	Heparin-induced thrombocytopenia	Latex agglutination		Blood - Plasma	
Hematology	Other, specify	Fluid Crystals	Microscopy - Polarization		Fluid - Synovial	
Hematology	Other, specify	Factor XII	Photometric		Blood - Plasma	
Hematology	Protein C activity		Photometric		Blood - Plasma	
Hematology	Protein S antigen		Photometric		Blood - Plasma	
Hematology	PT mixing studies		Photometric		Blood - Plasma	
Hematology	PTT mixing studies		Photometric		Blood - Plasma	
Hematology	Reticulocyte count, automated		Flow cytometry & Impedance counting & Turbidimetric, combined		Blood - Venous whole blood	

Hematology	Reticulocyte count, manual		Special stains - Hematology		Blood - Plasma	
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Microscopy - Phase contrast		Semen	
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Phase contrast		Semen	
Hematology	Sickle cell screen by solubility		Turbidimetric		Blood - Venous whole blood	
Hematology	Thrombin time		Turbidimetric		Blood - Plasma	
Hematology	von Willebrand factor activity/ antigen		Latex agglutination		Blood - Plasma	
Hematology	WBC differential – manual		Microscopy - Bright Field		Blood - Venous whole blood	
Microbiology	Antimicrobial susceptibility testing	Detection of Methacillin Resistant Staph Aureus	Automated Antimicrobial Susceptibility Testing		Swab	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Blood - Venous whole blood	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Blood - Venous whole blood	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Fluid - Cerebrospinal	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Fluid - Cerebrospinal	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Sputum	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Sputum	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Stool	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Stool	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Swab	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Swab	
Microbiology	Antimicrobial susceptibility testing		Automated Antimicrobial Susceptibility Testing		Urine	
Microbiology	Antimicrobial susceptibility testing		Manual Antimicrobial Susceptibility Testing		Urine	
Microbiology	Antimicrobial susceptibility testing	Detection of Vancomycin Resistant Enterococci	Automated Antimicrobial Susceptibility Testing		Swab	
Microbiology	Bacterial antigen detection	C difficile	Nucleic Acid Amplification test (NAAT)		Stool	
Microbiology	Bacterial antigen detection	C difficile	Lateral Flow Immunoassay		Stool	
Microbiology	Bacterial antigen detection	Helicobacter pylori	Lateral Flow Immunoassay		Stool	
Microbiology	Bacterial identification		Plating cultures		Swab	
Microbiology	Bacterial identification	Detection of Methacillin Resistant Staph Aureus	Gram Stain		Swab	
Microbiology	Bacterial identification	Detection of Methacillin Resistant Staph Aureus	Plating cultures		Swab	
Microbiology	Bacterial identification	Detection of Methacillin Resistant Staph Aureus	Automated Microorganism ID		Swab	
Microbiology	Bacterial identification	Detection of Methacillin Resistant Staph Aureus	Manual Microorganism ID		Swab	
Microbiology	Bacterial identification	Detection of Methacillin Resistant Staph Aureus	Manual Antimicrobial Susceptibility Testing		Swab	

Microbiology	Bacterial identification	Detection of Methacillin Resistant Staph Aureus	Nucleic Acid Amplification test (NAAT)		Swab	
Microbiology	Bacterial identification		Tube cultures		Blood - Venous whole blood	
Microbiology	Bacterial identification		Plating cultures		Blood - Venous whole blood	
Microbiology	Bacterial identification		Automated Microorganism ID		Blood - Venous whole blood	
Microbiology	Bacterial identification		Manual Microorganism ID		Blood - Venous whole blood	
Microbiology	Bacterial identification		Nucleic Acid Amplification test (NAAT)		Blood - Venous whole blood	
Microbiology	Bacterial identification		Plating cultures		Fluid - Cerebrospinal	
Microbiology	Bacterial identification		Automated Microorganism ID		Fluid - Cerebrospinal	
Microbiology	Bacterial identification		Manual Microorganism ID		Fluid - Cerebrospinal	
Microbiology	Bacterial identification		Plating cultures		Sputum	
Microbiology	Bacterial identification		Automated Microorganism ID		Sputum	
Microbiology	Bacterial identification		Manual Microorganism ID		Sputum	
Microbiology	Bacterial identification		Plating cultures		Stool	
Microbiology	Bacterial identification		Automated Microorganism ID		Stool	
Microbiology	Bacterial identification		Manual Microorganism ID		Stool	
Microbiology	Bacterial identification		Automated Microorganism ID		Swab	
Microbiology	Bacterial identification		Manual Microorganism ID		Swab	
Microbiology	Bacterial identification		Plating cultures		Urine	
Microbiology	Bacterial identification		Automated Microorganism ID		Urine	
Microbiology	Bacterial identification		Manual Microorganism ID		Urine	
Microbiology	Bacterial identification	Detection of Vancomycin Resistant Enterococci	Gram Stain		Swab	
Microbiology	Bacterial identification	Detection of Vancomycin Resistant Enterococci	Plating cultures		Swab	
Microbiology	Bacterial identification	Detection of Vancomycin Resistant Enterococci	Automated Microorganism ID		Swab	
Microbiology	Bacterial identification	Detection of Vancomycin Resistant Enterococci	Manual Microorganism ID		Swab	
Microbiology	Bacterial identification	Detection of Vancomycin Resistant Enterococci	Manual Antimicrobial Susceptibility Testing		Swab	
Microbiology	Bacterial identification	Detection of Carbapenem R Enterobacteriaceae	Plating cultures		Swab	
Microbiology	Bacterial identification	Detection of Carbapenem R Enterobacteriaceae	Immunoassay, lateral flow		Swab	
Microbiology	Gram stains		Gram Stain		Blood - Venous whole blood	
Microbiology	Gram stains		Gram Stain		Fluid - Cerebrospinal	
Microbiology	Gram stains		Gram Stain		Sputum	

Microbiology	Gram stains		Gram Stain		Stool	
Microbiology	Gram stains		Gram Stain		Swab	
Microbiology	Gram stains		Gram Stain		Urine	
Microbiology	KOH preparation/ calcofluor white		Microscopy - Fluorescent		Nail clippings	
Microbiology	KOH preparation/ calcofluor white		Microscopy - Fluorescent		Skin scrapings	
Microbiology	KOH preparation/ calcofluor white		Microscopy - Fluorescent		Swab	
Microbiology	Molecular multiplex panels	C. trachomatis/N.gonorrhoeae	Nucleic Acid Amplification test (NAAT)		Swab	
Microbiology	Molecular multiplex panels	C. trachomatis/N.gonorrhoeae	Nucleic Acid Amplification test (NAAT)		Urine	
Microbiology	Molecular multiplex panels	Influenza A & B, RSV	Nucleic Acid Amplification test (NAAT)		Swab	nasopharyngeal swab
Microbiology	Molecular multiplex panels	Influenza A & B, RSV	Nucleic Acid Amplification test (NAAT)		Other, specify	saline gargle
Microbiology	Molecular multiplex panels	COVID	Nucleic Acid Amplification test (NAAT)		Other, specify	saline gargle
Microbiology	Molecular multiplex panels	COVID	Nucleic Acid Amplification test (NAAT)		Other, specify	nasopharyngeal swab
Microbiology	Molecular multiplex panels	Influenza A & B, RSV	Nucleic Acid Amplification test (NAAT)		Other, specify	nasopharyngeal wash
Microbiology	Molecular multiplex panels	COVID	Nucleic Acid Amplification test (NAAT)		Other, specify	nasopharyngeal wash
Microbiology	Molecular multiplex panels	COVID	Nucleic Acid Amplification test (NAAT)		Swab	
Microbiology	Molecular multiplex panels	COVID	Nucleic Acid Amplification test (NAAT)		Swab	nasopharyngeal swab
Microbiology	Molecular multiplex panels	Respiratory virus	Nucleic Acid Amplification test (NAAT)		Swab	nasopharyngeal swab
Microbiology	Molecular multiplex panels		Nucleic Acid Amplification test (NAAT)		Urine	
Microbiology	Molecular multiplex panels		Nucleic Acid Amplification test (NAAT)		Swab	
Microbiology	Mycological antigen detection	Cryptococcus	Lateral Flow Immunoassay		Blood - Serum	
Microbiology	Mycological antigen detection	Cryptococcus	Lateral Flow Immunoassay		Fluid - Cerebrospinal	
Microbiology	Viral identification		Nucleic Acid Amplification test (NAAT)		Swab	
Microbiology	Viral identification		Nucleic Acid Amplification test (NAAT)		Other, specify	nasopharyngeal wash
Microbiology	Viral serology	Hep A IgM	Immunoassay, chemiluminescence		Blood - Serum	
Microbiology	Viral serology	Hep B Ag	Immunoassay, chemiluminescence		Blood - Serum	
Microbiology	Viral serology	Hep B Ab	Immunoassay, chemiluminescence		Blood - Serum	
Microbiology	Viral serology	Hep C Ab	Immunoassay, chemiluminescence		Blood - Serum	
Microbiology	Viral serology	HIV	Immunoassay, chemiluminescence		Blood - Serum	

POCT	Amphetamine		Lateral Flow Immunoassay		Urine	
POCT	Bacterial antigen detection - Group A Strep		Enzyme immunoassay		Swab	
POCT	Benzodiazepines		Lateral Flow Immunoassay		Urine	
POCT	Blood Gases – pCO2		Potentiometry		Blood - Arterial whole blood	
POCT	Blood gases – pCO2		Potentiometry		Blood - Venous whole blood	
POCT	Blood gases – pCO2		Amperometry		Other, specify	Whole blood capillary
POCT	Blood gases – pH		Potentiometry		Blood - Arterial whole blood	
POCT	Blood gases – pH		Potentiometry		Blood - Venous whole blood	
POCT	Blood gases – pH		Amperometry		Other, specify	Whole blood capillary
POCT	Blood gases – pO2		Amperometry		Blood - Arterial whole blood	
POCT	Blood Gases – pO2		Amperometry		Blood - Venous whole blood	
POCT	Blood gases – pO2		Amperometry		Other, specify	Whole blood capillary
POCT	Calcium, ionized		Potentiometry		Blood - Arterial whole blood	
POCT	Calcium, ionized		Potentiometry		Blood - Venous whole blood	
POCT	Chloride		Potentiometry		Blood - Venous whole blood	
POCT	Chloride		Potentiometry		Blood - Arterial whole blood	
POCT	CO2, total		Potentiometry		Blood - Venous whole blood	
POCT	CO2, total		Potentiometry		Blood - Arterial whole blood	
POCT	CO2, total		Amperometry		Other, specify	Whole blood capillary
POCT	Other, specify	Buprenorphine	Lateral Flow Immunoassay		Urine	
POCT	Cocaine derivatives		Lateral Flow Immunoassay		Urine	
POCT	Creatinine		Amperometry		Blood - Venous whole blood	
POCT	Cannabinoids		Lateral Flow Immunoassay		Urine	
POCT	Fentanyl		Lateral Flow Immunoassay		Urine	
POCT	Glucose		Amperometry		Blood - Venous whole blood	
POCT	Glucose		Amperometry		Blood - Arterial whole blood	
POCT	Glucose		Electrochemistry		Blood - Venous whole blood	
POCT	Hematocrit (HCT)		Other, specify	Conductivity	Blood - Venous whole blood	
POCT	Hemoglobin (Hb)		Colorimetric		Blood - Venous whole blood	
POCT	Hemoglobin A1c		Spectrophotometry		Other, specify	Capillary

POCT	Human chorionic gonadotropin (hCG)		Lateral Flow Immunoassay		Urine	
POCT	International normalized ratio (INR)		Other, specify	conductivity	Blood - Venous whole blood	
POCT	Lactate		Amperometry		Blood - Venous whole blood	
POCT	Lactate		Amperometry		Blood - Arterial whole blood	
POCT	Methadone metabolite (EDDP)		Lateral Flow Immunoassay		Urine	
POCT	Opiates		Lateral Flow Immunoassay		Urine	
POCT	Oximetry		Oximetry		Blood - Arterial whole blood	
POCT	Oximetry		Oximetry		Blood - Venous whole blood	
POCT	Oxycodone		Lateral Flow Immunoassay		Urine	
POCT	Potassium		Potentiometry		Blood - Venous whole blood	
POCT	Sodium		Potentiometry		Blood - Venous whole blood	
POCT	Urea		Amperometry		Blood - Venous whole blood	
POCT	Urinalysis, macroscopic		Dipstick		Urine	
Transfusion Medicine	ABO grouping		Automated blood banking test system		Blood - Venous whole blood	
Transfusion Medicine	ABO grouping		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Antibody investigation		Automated blood banking test system		Blood - Venous whole blood	
Transfusion Medicine	Antibody investigation		Serological - Gel		Blood - Plasma	
Transfusion Medicine	Antibody investigation	Antibody titre	Serological - Manual		Blood - Plasma	
Transfusion Medicine	Antibody screening		Automated blood banking test system		Blood - Venous whole blood	
Transfusion Medicine	Antibody screening		Serological - Gel		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Automated blood banking test system		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - computer		Blood - Plasma	
Transfusion Medicine	Compatibility testing		Crossmatch - serological		Blood - Plasma	
Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Fetal maternal hemorrhage/fetal red cell detection – qualitative		Serological - Manual	Fetal Screen	Blood - Venous whole blood	
Transfusion Medicine	Fetal maternal hemorrhage/fetal red cell detection – quantitative		Microscopy - Bright Field	Kleihauer-Betke	Blood - Venous whole blood	
Transfusion Medicine	Other, specify	Eluate	Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Phenotyping	RBC antigen typing	Automated blood banking test system		Blood - Venous whole blood	
Transfusion Medicine	Phenotyping	RBC antigen typing	Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Rh (D) typing		Automated blood banking test system		Blood - Venous whole blood	

Transfusion Medicine	Rh (D) typing		Serological - Manual		Blood - Venous whole blood	
Transfusion Medicine	Store and Issue Blood Products					