

DIAGNOSTIC ACCREDITATION PROGRAM

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Facility name	LifeLabs - Burnaby Reference Laboratory
Facility address	3680 Gilmore Way Burnaby BC V5G 4V8
Expiry date	2026-04-28
Laboratory Standard	Version 1.7

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 Processing		Receipt, accessioning, storage, transportation		Blood, fluids, stool, tissues, swabs, foreign bodies	
Chemistry	17-hydroxyprogesterone		LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Serum	
Chemistry	25-OH vitamin D		Immunoassay		Blood - Serum	
Chemistry	5- hydroxyindole acetic acid		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	ACTH		Immunoassay, electrochemiluminescence		Blood - Plasma	
Chemistry	Alanine Aminotransferase (ALT)		Colorimetric		Blood - Serum	
Chemistry	Albumin		Colorimetric		Blood - Serum	
Chemistry	Albumin		Colorimetric		Urine	
Chemistry	Alkaline phosphatase		Colorimetric		Blood - Serum	
Chemistry	Alpha-fetoprotein (AFP)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Amphetamine		Enzyme immunoassay		Urine	
Chemistry	Amphetamine		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Amylase		Colorimetric		Blood - Serum	
Chemistry	Amylase		Colorimetric		Urine	
Chemistry	Androstenedione		LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Serum	
Chemistry	Angiotension converting enzyme (ACE)		Colorimetric		Blood - Serum	
Chemistry	Antibodies to Extractable Nuclear Antigens		Multiplex bead assay		Blood - Serum	
Chemistry	Anti-Cyclic Citrullinated Peptide (anti-CCP) Antibody		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Anti-double stranded DNA antibody		Multiplex bead assay		Blood - Serum	
Chemistry	Anti-Mitochondrial antibody (AMA)		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-Müllerian hormone (AMH)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Antineutrophil cytoplasmic antibody (ANCA, anti-MPO, anti- PR3)		Immunofluorescence assay (IFA)		Blood - Serum	

Chemistry	Antinuclear antibody (ANA)		Other, specify	Digital Image	Blood - Serum	
Chemistry	Antinuclear antibody (ANA)		Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Anti-Thyroid Peroxidase Antibody		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Anti-tissue transglutaminase (tTG), IgA and IgG		Multiplex bead assay		Blood - Serum	
Chemistry	Apolipoprotein B		Turbidimetry		Blood - Serum	
Chemistry	Aspartate Aminotransferase (AST)		Colorimetric		Blood - Serum	
Chemistry	Barbiturates		Immunoassay		Urine	
Chemistry	Barbiturates		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Benzodiazepines		Enzyme immunoassay		Urine	
Chemistry	Benzodiazepines		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Beta-2 microglobulin (B2M)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Beta-hydroxybutyrate (BHB)		Colorimetric		Blood - Serum	
Chemistry	Bilirubin, direct		Colorimetric		Blood - Serum	
Chemistry	Bilirubin, total		Colorimetric		Blood - Serum	
Chemistry	BNP / NT-proBNP		Immunoassay, electrochemiluminescence		Blood - Plasma	
Chemistry	C3 Complement		Immunoturbidometry		Blood - Serum	
Chemistry	C4 Complement		Immunoturbidometry		Blood - Serum	
Chemistry	CA 125		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	CA 15-3		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	CA 19-9		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Calcium, ionized		Ion Selective Electrode		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Blood - Serum	
Chemistry	Calcium, total		Colorimetric		Urine	
Chemistry	Cannabinoids		Enzyme immunoassay		Urine	
Chemistry	Cannabinoids		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Carbamazepine		Immunoassay		Blood - Serum	
Chemistry	Carcinogenic embryonic antigen (CEA)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Carotene		Colorimetric		Blood - Serum	
Chemistry	Chloride		Ion Selective Electrode		Blood - Serum	
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	citrate		Colorimetric		Urine	
Chemistry	CO2, total		Colorimetric		Blood - Serum	
Chemistry	Cocaine derivatives		Enzyme immunoassay		Urine	
Chemistry	Cocaine derivatives		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Cortisol		Immunoassay		Blood - Serum	
Chemistry	Cortisol		GC/MS (Gas chromatography/mass spectrometry)		Urine	
Chemistry	C-reactive protein (CRP)		Immunoturbidometry		Blood - Serum	
Chemistry	Creatine kinase (CK)		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Blood - Serum	
Chemistry	Creatinine		Colorimetric		Urine	
Chemistry	Cyclosporine		LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Venous whole blood	
Chemistry	Dehydroepiandrosterone (DHEA) / DHEA sulfate		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Digoxin		Immunoassay		Blood - Serum	
Chemistry	Epinephrine		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Estradiol		Immunoassay		Blood - Serum	
Chemistry	Ethanol		Enzyme immunoassay		Blood - Serum	
Chemistry	Ethanol		Enzyme immunoassay		Urine	
Chemistry	Fentanyl		Enzyme immunoassay		Urine	
Chemistry	Fentanyl		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Ferritin		Immunoassay		Blood - Serum	
Chemistry	Follicle-stimulating hormone (FSH)		Immunoassay		Blood - Serum	
Chemistry	Gamma-glutamyl transferase (GGT)		Colorimetric		Blood - Serum	
Chemistry	Gastrin		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Glucose		Colorimetric		Blood - Plasma	
Chemistry	Glucose		Colorimetric		Blood - Serum	
Chemistry	Glucose		Colorimetric		Fluid - Synovial	
Chemistry	Glucose		Colorimetric		Urine	
Chemistry	Growth hormone (GH)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Hemoglobin A1c		Immunoturbidometry		Blood - Venous whole blood	

Chemistry	Human chorionic gonadotropin (hCG)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	IgG		Immunoturbidometry		Blood - Serum	
Chemistry	IgM		Immunoturbidometry		Blood - Serum	
Chemistry	Insulin		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Iron, total		Colorimetric		Blood - Serum	
Chemistry	Lactate		Colorimetric		Blood - Serum	
Chemistry	Lactate dehydrogenase (LD)		Colorimetric		Blood - Serum	
Chemistry	Lactate dehydrogenase (LD)		Colorimetric		Fluid - Synovial	
Chemistry	IgA		Immunoturbidometry		Blood - Serum	
Chemistry	Lipase		Colorimetric		Blood - Serum	
Chemistry	Lipoprotein (a)		Immunoturbidometry		Blood - Serum	
Chemistry	Lithium		Colorimetric		Blood - Serum	
Chemistry	Luteinizing hormone (LH)		Immunoassay		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Blood - Serum	
Chemistry	Magnesium		Colorimetric		Urine	
Chemistry	Metanephrines		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Methadone		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Methadone metabolite (EDDP)		Enzyme immunoassay		Urine	
Chemistry	Methadone metabolite (EDDP)		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Methamphetamine		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Methylenedioxy- methamphetamine (MDMA)		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Norepinephrine		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Normetanephrine		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Opiates		Enzyme immunoassay		Urine	
Chemistry	Opiates		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	11-deoxycortisol	LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Serum	
Chemistry	Other, specify	Acetylcodeine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Acetylfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Acetylmorphine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Acetylnorfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Acrylfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	

Chemistry	Other, specify	Aminoclonazepam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Amobarbital	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Anti-Smooth Muscle Antibodies (AMAB)	Immunofluorescence assay (IFA)		Blood - Serum	
Chemistry	Other, specify	Benzoylcegonine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Buprenorphine	Enzyme immunoassay		Urine	
Chemistry	Other, specify	Buprenorphine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Butabarbital	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Butalbital	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Butyrylfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Candida Albicans		ELIZA	Blood - Serum	
Chemistry	Other, specify	Carfentanil	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Clozapine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Serum	
Chemistry	Other, specify	Codeine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	C-Telopeptide (CTX, B-Crosslaps)	Immunoassay		Blood - Serum	
Chemistry	Other, specify	Cyclopropylfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Desmethylpentadol	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Desmethyltramadol	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Desmethyl-U47700	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Desmethylzopiclone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Dextromethorphan	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Di-desmethyl-U47700	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Diphenhydramine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Dopamine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Ethyl Glucuronide (ETG)	Enzyme immunoassay		Urine	
Chemistry	Other, specify	Ethyl Glucuronide (ETG)	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Ethyl Sulfate (ETS)	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Food Sensitivity Test (FST)		Microarray-based Eliza	Blood - Serum	
Chemistry	Other, specify	Furanylfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Gabapentin	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Helicobacter Pylori IgG	Immunoassay, chemiluminescence		Blood - Serum	

Chemistry	Other, specify	Helicobacter Pylori Urea Breath Test	Other, specify	Ion ratio mass spectroscopy (IRMS)	Breath	
Chemistry	Other, specify	Heroin	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	HO-Alprazolam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	HO-Etizolam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	HO-Flubromazepam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	HO-Midazolam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Hydrocodone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Hydrocodone	Enzyme immunoassay		Urine	
Chemistry	Other, specify	Hydromorphone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Hydromorphone	Enzyme immunoassay		Urine	
Chemistry	Other, specify	Ketamine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Lorazepam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Meperidine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Methaqualone	Enzyme immunoassay		Urine	
Chemistry	Other, specify	Methaqualone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Methylenedioxyamphetamine (MDA)	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Methylphenidate	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Mitragynine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Morphine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Myeloperoxidase Antibodies	Multiplex bead assay		Blood - Serum	
Chemistry	Other, specify	Nor- olanzapine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Norbuprenorphine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	NorCarfentanil	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Norclozapine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Serum	
Chemistry	Other, specify	Nordiazepam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Norfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Norfentanyl	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Norhydrocodone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Normeperidine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Noroxycodone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	

Chemistry	Other, specify	Norpropoxyphene	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Olanzapine	LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Serum	
Chemistry	Other, specify	Oxazepam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Oxymorphone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Pentobarbital	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Phencyclidine (PCP)	Enzyme immunoassay		Urine	
Chemistry	Other, specify	Phencyclidine (PCP)	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Pregabalin	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Propoxyphene	Enzyme immunoassay		Urine	
Chemistry	Other, specify	Propoxyphene	enzyme immunoassay		Urine	
Chemistry	Other, specify	Proteinase 3 Antibodies	Multiplex bead assay		Blood - Serum	
Chemistry	Other, specify	Ritalinic Acid	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Secobarbital	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Tapentadol	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Temazepam	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Tramadol	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Urine Drug Adulteration Testing - oxidants	Colorimetric		Urine	
Chemistry	Other, specify	Urine Drug Adulteration Testing - creatinine	Colorimetric		Urine	
Chemistry	Other, specify	Urine Drug Adulteration Testing-oxidants	Colorimetric		Urine	
Chemistry	Other, specify	Urine Drug Adulteration Testing -pH	Colorimetric		Urine	
Chemistry	Other, specify	Urine Drug Adulteration Testing-creatinine	Colorimetric		Urine	
Chemistry	Other, specify	Urine Drug Adulteration Testing-pH	Colorimetric		Urine	
Chemistry	Other, specify	Urine Drug Adulteration Testing-specific gravity	Colorimetric		Urine	
Chemistry	Other, specify	Zolpidem	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Other, specify	Zopiclone	LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	oxalate		Colorimetric		Urine	
Chemistry	Oxycodone		Enzyme immunoassay		Urine	
Chemistry	Oxycodone		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Parathyroid hormone (PTH)		Immunoassay		Blood - Serum	
Chemistry	Parietal cell antibody		Immunofluorescence assay (IFA)		Blood - Serum	

Chemistry	Phenobarbital		Immunoassay		Blood - Serum	
Chemistry	Phenobarbital		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Phenytoin		Immunoassay		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Blood - Serum	
Chemistry	Phosphorus		Colorimetric		Urine	
Chemistry	Potassium		Ion Selective Electrode		Blood - Plasma	
Chemistry	Potassium		Ion Selective Electrode		Blood - Serum	
Chemistry	Potassium		Ion Selective Electrode		Urine	
Chemistry	Progesterone		Immunoassay		Blood - Serum	
Chemistry	Prolactin		Immunoassay		Blood - Serum	
Chemistry	Prostate specific antigen (PSA), free		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Prostate specific antigen (PSA), total		Immunoassay		Blood - Serum	
Chemistry	Protein electrophoresis, including urine Bence Jones proteins		Electrophoresis, Capillary		Blood - Serum	
Chemistry	Protein electrophoresis, including urine Bence Jones proteins		Immunofixation		Blood - Serum	
Chemistry	Protein electrophoresis, including urine Bence Jones proteins		Electrophoresis, Gel		Urine	
Chemistry	Protein, total		Colorimetric		Blood - Serum	
Chemistry	Protein, total		Colorimetric		Fluid - Synovial	
Chemistry	Protein, total		Colorimetric		Urine	
Chemistry	Rheumatoid factor (RF)		Immunoturbidometry		Blood - Serum	
Chemistry	Rheumatoid factor (RF)		Immunoturbidometry		Fluid - Synovial	
Chemistry	Sex hormone binding globulin (SHBG)		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Blood - Serum	
Chemistry	Sodium		Ion Selective Electrode		Urine	
Chemistry	Soluble interleukin-2 receptor (IL2R)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	Squamous cell carcinoma (SCC)		Immunoassay, chemiluminescence		Blood - Serum	
Chemistry	T3, free		Immunoassay		Blood - Serum	
Chemistry	T4, free		Immunoassay		Blood - Serum	
Chemistry	Tacrolimus		LC-MS (Liquid Chromatography / Mass Spectrometry)		Blood - Venous whole blood	
Chemistry	Testosterone		Immunoassay, electrochemiluminescence		Blood - Serum	

Chemistry	Theophylline		Immunoassay		Blood - Serum	
Chemistry	Thyroglobulin		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Thyroglobulin antibody		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Thyroid-stimulating hormone (TSH)		Immunoassay		Blood - Serum	
Chemistry	Transferrin		Immunoturbidometry		Blood - Serum	
Chemistry	Triglycerides		Colorimetric		Blood - Serum	
Chemistry	Troponin I		Immunoassay, electrochemiluminescence		Blood - Plasma	
Chemistry	Troponin I		Immunoassay, electrochemiluminescence		Blood - Serum	
Chemistry	Urea		Colorimetric		Blood - Serum	
Chemistry	Urea		Colorimetric		Urine	
Chemistry	Uric acid		Colorimetric		Blood - Serum	
Chemistry	Uric acid		Colorimetric		Fluid - Synovial	
Chemistry	Uric acid		Colorimetric		Urine	
Chemistry	Valproic acid		Immunoassay		Blood - Serum	
Chemistry	Vanillylmandelic acid (VMA)		LC-MS (Liquid Chromatography / Mass Spectrometry)		Urine	
Chemistry	Vitamin B12		Immunoassay		Blood - Serum	
Hematology	Activated partial thromboplastin time (aPTT)		Turbidimetric		Blood - Plasma	
Hematology	Anti-beta-2-glycoprotein (IgG)		Multiplex bead assay		Blood - Serum	
Hematology	Anti-beta-2-glycoprotein (IgM)		Multiplex bead assay		Blood - Serum	
Hematology	Anti-cardiolipin antibody (IgG)		Multiplex bead assay		Blood - Serum	
Hematology	Anti-cardiolipin antibody (IgM)		Multiplex bead assay		Blood - Serum	
Hematology	Anti-thrombin activity/ antigen		Chromogenic Substrate		Blood - Plasma	
Hematology	Blood parasite identification	Malaria	Other, specify	NAT by LAMP	Blood - Venous whole blood	
Hematology	Blood parasite identification		Microscopy - Bright Field		Blood - Venous whole blood	
Hematology	Blood parasite identification		Lateral Flow Immunoassay		Blood - Venous whole blood	
Hematology	Body fluid cell count, automated		Flow Cytometry	Automated cell count via hydro dynamic focusing (DC detection) and flow cytometry methods	Fluid - Synovial	
Hematology	Body fluid cell count, manual		Hemocytometer		Fluid - Synovial	
Hematology	Cell identification / morphology - Routine stain(s)		Other, specify	Digital Image	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	Cryofibrinogen		Manual		Blood - Plasma	
Hematology	Cryoglobulin		Manual		Blood - Serum	
Hematology	D-dimer		Turbidimetric		Blood - Plasma	
Hematology	Erythrocyte sedimentation rate (ESR)		Photometric		Blood - Venous whole blood	
Hematology	Fibrinogen		Turbidimetric		Blood - Plasma	
Hematology	Hemoglobinopathy testing		Electrophoresis, Capillary		Blood - Venous whole blood	
Hematology	Hemoglobinopathy testing		Electrophoresis, Gel		Blood - Venous whole blood	
Hematology	Infectious mononucleosis		Lateral Flow Immunoassay		Blood - Serum	
Hematology	International normalized ratio (INR)		Other, specify	Calculated	Blood - Plasma	
Hematology	Lupus anticoagulant (e.g. dRVVT or other phospholipid assay)		Turbidimetric		Blood - Plasma	
Hematology	Other, specify	Body Fluid Crystals	Microscopy - Polarization		Fluid - Synovial	
Hematology	Other, specify	Cold Agglutinins	Manual		Blood - Serum	
Hematology	Other, specify	Immature platelet fraction	Flow Cytometry		Blood - Venous whole blood	
Hematology	Other, specify	Immature reticulocyte fraction	Flow Cytometry		Blood - Venous whole blood	
Hematology	Other, specify	Reticulocyte Hemoglobin	Flow Cytometry		Blood - Venous whole blood	
Hematology	Protein C activity		Chromogenic Substrate		Blood - Plasma	
Hematology	Protein S activity		Chromogenic Substrate		Blood - Plasma	
Hematology	PT mixing studies		Turbidimetric		Blood - Plasma	
Hematology	PTT mixing studies		Turbidimetric		Blood - Plasma	
Hematology	Reticulocyte count, automated		Flow Cytometry		Blood - Venous whole blood	
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Microscopy - Phase contrast		Semen	
Hematology	Semen analysis, Complete - Count, Morphology, Motility		Photometric		Semen	
Hematology	Semen analysis, Post Vasectomy - presence/absence		Microscopy - Phase contrast		Semen	
Hematology	Semen analysis, viability		Special stains - Hematology		Semen	
Hematology	Sickle cell screen by solubility		Manual		Blood - Venous whole blood	
Hematology	WBC differential – manual		Microscopy - Bright Field		Blood - Venous whole blood	
Microbiology	Bacterial serology	Syphilis	Immunoassay, electrochemiluminescence		Blood - Serum	
Microbiology	Viral serology	Anti - HCV	Immunoassay, electrochemiluminescence		Blood - Serum	
Microbiology	Viral serology	Anti-HAV IgM	Immunoassay, electrochemiluminescence		Blood - Serum	
Microbiology	Viral serology	Anti-HBc, total	Immunoassay, electrochemiluminescence		Blood - Serum	

Microbiology	Viral serology	Anti-HBs	Immunoassay, electrochemiluminescence		Blood - Serum	
Microbiology	Viral serology	Anti-HIV	Immunoassay, electrochemiluminescence		Blood - Serum	
Microbiology	Viral serology	HBsAG	Immunoassay, electrochemiluminescence		Blood - Serum	
Microbiology	Viral serology	HBsAg confirmation	Immunoassay		Blood - Serum	
Microbiology	Viral serology	HepBe	Immunoassay, electrochemiluminescence		Blood - Serum	
Transfusion Medicine	ABO grouping		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Direct antiglobulin test (DAT)		Serological - Gel		Blood - Venous whole blood	
Transfusion Medicine	Rh (D) typing		Serological - Gel		Blood - Venous whole blood	