

Lab Discipline	QMPLS	CAP	Other (specify)	Test (analysis) Performed
Bacteriology	X			routine culture and smears
Biochemical Genetics			ERNDIM	Quantitative Amino Acids, Qualitative Organic Acids, Leukocyte Cystine, Mucopolysaccharides, Carnitine
Biochemical Genetics			Interlaboratory Comparison Program	Multiple biochemistry
Blood Transfusion	X			Direct antiglobulin Test, Antibody Investigation, Crossmatch, Phenotyping, Titrations
Coagulation (see Hemostasis and Thrombosis)				
Core Lab	X			Routine Chemistry, Hematology, Coagulation, CRP, Toxicology, Enzymes. Morphology, Lipids, Microalbumin, Hepatitis, Blood Gas
Core Lab		X		Chemistry, CSF, Toxicology, C reactive protein
Core Lab			National Laboratory for HIV Reference Services	HIV
Core Lab			IQAP	CBC & Diff
Core Lab			Bayer Urinalysis Proficiency	Urinalysis
Core Lab			Randox	Routine Chemistry
Cytogenetics	X			Cytogenetics analysis
Cytopathology	X			Slide screening and Patterns of Practice Surveys.
Endocrinology	X			TSH, FT3, FT4, VB12, Ferritin, Cortisol, Testosterone, FSH, LH, Prolactin, Progesterone, AFP, DHEAS, Estradiol, Homocystiene
Endocrinology		X		AFP, Estriol, Triple Marker, AFPN, CEA, Cortisol, Ferritin, Serum Folate, PAP, FT3, FT4, TSH, VB12, PSA, FPSA, Androstenedione, DHEAS, Estradiol, Estriol, FSH, LH, Prolactin, GH, 17HPRG, IGF1, Progesterone, Testosterone, Free Testosterone, SHBG, Aldosterone, PTH, Renin, Anti-thyroglobulin Ab, Anti-peroxidase Ab, Anti-TPO
Endocrinology		X		Urine: Microalbumin, Beta 2-microglobulin, Catecholamines, Homovanillic Acid (HVA), Vanilylmandelic Acid (VMA), 5-Hydroxyindoleacetic Acid (5-HIAA), Cortisol, Metanephrines, Aldosterone
Endocrinology			Inter/Intra Laboratory Comparison	ADH, CHROM, DHT, HISTA-PLAS, HISTA-U, SERO-S, SERO-U,
Flow Cytometry			Health Canada	CD4/CD8
Flow Cytometry	X			CD4/CD8, Leukemia-Lymphoma, CD34
Flow Cytometry		X		PNH, FMH
Investigational Hematology	X	X		Hemoglobinopathy Screen, G-6-PD
Investigational Hematology	X			Hemoglobinopathy Screen, Bone Marrow Assessment

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Hemostasis and Thrombosis			Nascola	Antithrombin, Protein C, Protein S, Activated Protein C Resistance, Factor VIII, Factor IX, Factor VII, Factor X, Ristocetin Cofactor, Collagen Binding Multimers, D Dimer, Factor VIII Inhibitor, HIT, Factor XIII Screen, Unfractionated Heparin Assay, Low Molecular Weight Heparin Assay, Fibrinolysis, Platelet Aggregation Analysis
Hemostasis and Thrombosis	X			Factor VIII, Factor IX, Heparin Assay, Antithrombin, Activated Protein C Resistance, Protein S, Protein C
Hemostasis and Thrombosis		X		Euglobulin Lysis, Plasminogen, Reptilase, Fibrinogen Antigen
Histology	X			Special stains, routine stain
Immunology	X			IgG, IgA, IgM, C3, C4, IgE, SPE/IFE, CRP, RF, Anti-DNA, Anti-TPO, ANA
Immunology		X	UNITY	Cyclosporine, Tacrolimus, CSF IgG/ALB
Immunology		X		ANA, Anti-DNA, Anti-GBM, ANCA, Anti-ENA, Ceruloplasmin, Haptoglobin, IgD, IgG subclasses, IgG, Prealbumin, Rheumatoid Factor, Transferrin
Immunology		X		Diagnostic allergy testing
Immunology			UK NEQAS	Cholinesterase Phenotyping
Immunology			IQA	ANA, ADNA, ENA, AMPO, PR3, ENAID
Immunology			Inter/Intra Laboratory Comparison	HIST, GM1, C1C, TRYP, AA, C2, ALKPHOS, CRYO, PCNA, ARIBP, NMO
Immunopathology	X	X		Immunoperoxidase, Indirect immunofluorescence
Immunopathology		X		AMA, ASMA
Molecular DxL	X			Factor V, BRCA1/2, Haemochromatosis, Cystic Fibrosis
Molecular DxL			Interlaboratory Sample Exchange	Colon Cancer (MLPA)
Molecular DxL		X		MEN2A, Connexin 26, MCAD
Molecular Pathology		X		Hemochromatosis (H63D, 282Y), B cell lymphoma, T cell lymphoma
Mycology	X			Culture
POCT	X			Glucose Meter
Serology	X	X		routine serology
Toxicology		X		Benzodiazepines, Caffeine, Cannabinoids, Cocaine, General Drugs, GHB, Opiates, Sirolimus,
Toxicology			UKNEAS	Sirolimus
Toxicology			Addiction & Mental Health	Olanzapine, Risperadone
Toxicology			Mayo	D-Lactate
Toxicology			PCIQ	Urine Fluorides
Toxicology			Inter/Intra Laboratory Comparison	Amiodarone, Benzodiazepine, Bupivacaine, C14- H. pylori, Caffeine, Calculi, Cannabinoids, Carotene, Clobazam/DesmethyClob, Clonazepam, Clozapine, Cocaine, D-Lactate, Gabapentin, GHB, Haloperidol, Lamotrigine, LCFA, Lorazepam, Nitrazepam, Olanzapine, Opiates, Risperadone, Sirolimus, Topirimate, Vit A, Vit B1, Vit B6, Vit C, Vit E

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Trace Elements		X		Blood Lead, Serum Aluminum, Serum Chromium, Serum Copper, Serum Manganese, Serum Selenium, Serum Zinc
Trace Elements			Quebec Interlaboratory Comparison Program	Blood: Lead, Cadmium, Mercury  Serum: Aluminum, Copper, Manganese, Selenium, Zinc  Urine: Total Arsenic, Inorganic Arsenic, Cadmium, Chromium, Copper, Lead, Mercury,
Trace Elements			ICMPS-OQ	Blood, Serum, Hair or Tissue: Aluminum, Antimony, Arsenic, Barium, Beryllium, Bismuth, Cadmium, Cobalt, Chromium, Copper, Iodine, Lead, Mercury, Manganese, Molybdenum, Nickel, Platinum, Selenium, Tin, Tellurium, Thallium, Thorium, Uranium, Vanadium, Zinc
Transplant Lab			ASHI	Molecular HLA Class I Typing, Molecular HLA Class II Typing, Serological HLA Class I Typing, Serological anti-HLA Ab Screening-Class I & Class II, CDC Crossmatching - anti T cell and B cell, Flow cytometry Crossmatching - anti T cell and B Cell
Transplant Lab			UCLA Int'l Cell Exchange	Molecular HLA Class I Typing
Transplant Lab			UCLA Int'l DNA Exchange	Molecular HLA Class II Typing
Virology	X			Serology (Rubella/VZV/CMV), Respiratory Panel (DFA smears)
Virology		X		Virology Antigen Detection, Virology Antibody Detection, Nucleic Acid Amplification, CMV and EBV Viral Load, Viral Culture
Virology			Viral Exanthemata	Rubella/Measles Proficiency Panel