

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
R&M (see <u>Urinalysis</u>)						
RA (see <u>Rheumatoid Factor, Plasma</u>)						
Rabies Serology	Microbiology (VH)	Blood-5 mL Gold or 6 mL Red top Vacutainer tube PUBLIC HEALTH LABORATORY TEST REQUISITION	Referred out weekdays to Public Health Laboratory.		2010-09-28	
Random Glucose (see <u>Glucose, Plasma</u>)						
Random Stool Fat (see <u>Stool for Fat</u>)						
Rapamycin (see <u>Sirolimus, Whole Blood</u>)						
Rapid Aneuploidy Detection (see <u>QF-PCR</u>)						
Rapid COVID test (see <u>Coronavirus SARS-CoV-2 2019 Rapid Molecular test, (RCOVID)</u> Available to LHSC and SJH only)						
RAST Test (see <u>Allergen Specific IgE, Serum</u>)						
RBC Folate (see <u>Folate, Red Blood Cells</u>)						
RD (see <u>Non-Syndromic Recessive Deafness</u>)						

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Reducing Substances,Urine or Stool - Qualitative	Core	Urine or Stool GENERAL LABORATORY REQUISITION	Referred out as required	Negative	2011-02-23	<p>Ascorbic acid in large quantities may cause false positive results.</p> <p>For the qualitative detection of reducing substances in urine including: glucose (diabetes mellitus), lactose (late pregnancy and lactation), galactose (galactosemia), pentose (essential pentosuria) and ribose (muscular dystrophy).</p>
Relative viscosity, Serum (see <u>Serum Viscosity</u>)						

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Renal Biopsy Kidney Biopsy	Pathology - UH	Tissue Powerchart: eOrder choosing appropriate specimen See Identification of clinical specimens	<p>When booking a Renal Biopsy contact:</p> <p>Victoria Hospital Monday to Friday from 0800-1600 Call 519-685-8500 x 32956 or email Pathology@lhsc.on.ca stating Physician, location, date and time of biopsy. A confirmation email will be sent.</p> <p>University Hospital Monday to Friday from 0800-1600 Page: 15718</p> <p>After Hours and weekends: Contact (more...)</p>	See report	2009-03-23	

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Renin Mass (see <u>Renin, Plasma</u>)						
Renin, Plasma Direct Renin Renin Mass	Endocrinology	<p>Adult:4 mL Lavender top (EDTA) Vacutainer tube</p> <p>Pediatric: 0-2 years: 2 x 0.5 mL Lavender top (EDTA) Microtainers 2-10 years: 3 mL Lavender top (EDTA) Vacutainer tube</p> <p>Red, Gold, Light Green (Li-Heparin), or Lavender (EDTA) top tubes are NOT acceptable</p> <p>GENERAL LABORATORY REQUISITION</p>	Monday-Friday 0800-1600	<p>Age 20 60 years: supine: 1.7 23.9 ng/L standing: 2.6 27.7 ng/L</p>		

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Respiratory and Exfoliative samples for Cytology Sputum Post-Bronch Sputum Bronchial: Washings & Brushings	Cytopathology-UH	Non-Gynaecologica I: Respiratory Orange top routine specimen container containing 30 mL Cytolyt solution/specimen material. CYTOPATHOLOGY REQUISITION-NON-GYNAECOLOGICAL AREA	Weekdays		2005-08-01	Cytopathology Laboratory Room A3-242 UH (519) 685-8500 x 36391/36392 Clinical history is an important component for diagnostic interpretation. The specimen is Thinprep processed so the total specimen volume should not exceed one orange top specimen container with Cytolyt included.

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Respiratory Culture	Microbiology (VH)	Sputum Tracheal Aspirates (includes Tracheostomy and Endotracheal Aspiration) Bronchial lavage or washings- (minimum of 15 mL required for testing) Protected bronchial brushes Throat swab from Cystic Fibrosis patient MICROBIOLOGY REQUISITION	Daily		2009-03-26	

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Respiratory Virus Panel (RPCR) Influenza Virus COVID19 Flu Screen	Virology Laboratory	Nasopharyngeal Aspirate Nasopharyngeal Swab Bronchial Alveolar Lavage (BAL) VIROLOGY REQUISITION	From November 16 to April 30, specimens will be processed for Influenza A, Influenza B, RSV, and SARS CoV-2 (COVID-19) 7 days a week. No further testing will be performed on specimens from ER or outpatients unless requested by the clinician. Specimens from adult patients admitted to ICU, all BAL and all pediatric patient samples (inpatient and ICU) that are negative for Influenza A, Influenza B, RSV, and SARS CoV-2 (more...)	See report	2010-08-01	

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Reticulocyte Absolute Reticulocyte Count	Core	<p>Adult: 4 mL K₂ EDTA (Lavender) Vacutainer tube</p> <p>Pediatric Venous: 2 mL Paeds K2 EDTA (Lavender) Vacutainer</p> <p>Pediatric (Capillary): 0.5 mL MAP K₂ EDTA (Lavender) Microtube 0.5 mL K₂ EDTA (Lavender) Microtube GENERAL LABORATORY REQUISITION</p>	As required	10-100 x 10 ⁹ /L	2006-11-14	Reflection of erythropoietic activity.
Reticulocyte Count (see <u>Reticulocyte Absolute</u>)						

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Rett Syndrome MECP2	Molecular Diagnostics	Whole blood-2 x 4 mL Lavender EDTA top Vacutainer tube MOLECULAR DIAGNOSTIC REQUISITION	As required Monday - Friday 0800 - 1600 h	See report		<p>For more information click on:</p> <p>Molecular Diagnostic Laboratory N/A</p> <p>Rett syndrome, represents one of the leading causes of mental retardation and developmental regression in girls. The majority of cases of sporadic Rett syndrome are caused by mutations in the gene encoding methyl-CpG-binding protein 2 (MeCP2). The MeCP2 protein binds methylated DNA and appears to regulate gene expression and chromatin structure. Genotype/phenotype analysis reveals that the phenotypic spectrum of MeCP2 mutations in humans is broader than i (more...)</p>

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
RF (see <u>Rheumatoid Factor, Plasma</u>)						
Rheumatoid Factor, Plasma RF RA	Core	Adult: 4.5 mL Green (Lithium Heparin) top Vacutainer Pediatric: 0-2 years: 0.5 mL Green top Microtainer 2-10 years: 3 mL Green top tube GENERAL LABORATORY REQUISITION	Daily	<14 IU/mL	2010-01-11	Turbidimetric assays not suitable for measurement of highly lipemic or hemolytic samples or samples containing high levels of circulating immune complexes.
Rickettsia Serology Rocky Mountain Spotted Fever Murine Typhus	Microbiology (VH)	Blood-5 mL Gold or 6 mL Red top Vacutainer tube PUBLIC HEALTH LABORATORY TEST REQUISITION	Referred out weekdays to Public Health Laboratory		2010-09-13	
Ringworm (see <u>Fungus Culture-Dermatophytes</u>)						
Risperidol (see <u>Risperidone, Serum/Plasma</u>)						

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Risperidone, Serum/Plasma Risperidol	Toxicology/Special Chemistry	6 mL Red top Vacutainer tube or 4.5 mL Green (Lithium Heparin) top Vacutainer tube GENERAL LABORATORY REQUISITION	Once a week	Risperidone: 19-49 nmol/L 9-Hydroxyrisperidone: 19-211 nmol/L	2006-05-19	
Ritalin™ (see <u>Methylphenidate, Urine</u>)						
Rituximab Monitoring	Flow Cytometry (VH)	Peripheral blood collected in K ₂ or K ₃ EDTA Lavender top Vacutainer tube Referred-In Samples: FLOW CYTOMETRY REQUISITION	Monday-Friday 0800-1600 Fridays or prior to STAT holidays, routine specimens must be received in the Flow Cytometry Laboratory at Victoria Hospital by 1300.	See report	2006-06-01	
Rivotril (see <u>Clonazepam, Serum</u>)						
Rocky Mountain Spotted Fever (see <u>Rickettsia Serology</u>)						
Rohypnol (see <u>Flunitrazepam, Urine Qualitative</u>)						

Test Name	Laboratory	Specimen Type	Test Schedule	Reference Range	Effective Date	Comments
Routine (see <u>Urinalysis</u>)						
Routine and Microscopic (see <u>Urinalysis</u>)						
Rubella Serology - RUB IgG/IgM	Virology Laboratory	5 mL Gold or 6 mL Red top Vacutainer tube PUBLIC HEALTH LABORATORY TEST REQUISITION	Referred out weekdays to Public Health Laboratory	See report	2006-07-01	
Rubeola Virus Serology (see <u>Measles Serology - Measles IgG/IgM</u>)						
Rythmol (see <u>Propafenone, Serum/Plasma</u>)						