

| 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<br>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> )      |                   |                                                                                              |                                                    |                 |                |          |
| 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> )    |                   |                                                                                              |                                                    |                 |                |          |
|                                                      |                   |                                                                                              |                                                    |                 |                |          |

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| Reducing Substances,Urine or Stool - Qualitative        | Core       | Urine or Stool<br>GENERAL<br>LABORATORY<br>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> ) |            |                                                        |                          |                 |                |                                                                                                                                                                                                                                                                                                                           |
|                                                         |            |                                                        |                          |                 |                |                                                                                                                                                                                                                                                                                                                           |

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

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

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

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| Respiratory Culture | Microbiology (VH) | Sputum<br>Tracheal Aspirates (includes Tracheostomy and Endotracheal Aspiration)<br>Bronchial lavage or washings- (minimum of 15 mL required for testing)<br>Protected bronchial brushes<br>Throat swab from Cystic Fibrosis patient<br>MICROBIOLOGY REQUISITION | Daily         |                 | 2009-03-26     |          |
|                     |                   |                                                                                                                                                                                                                                                                  |               |                 |                |          |

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| Respiratory Virus Panel (RPCR)<br>Influenza Virus<br>COVID19<br>Flu Screen | Virology<br>Laboratory | Nasopharyngeal Aspirate<br>Nasopharyngeal Swab<br>Bronchial Alveolar Lavage (BAL)<br>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.<br><br>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     |          |

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| Reticulocyte Absolute<br>Reticulocyte Count            | Core       | <p><b>Adult:</b><br/>4 mL K<sub>2</sub> EDTA<br/>(Lavender)<br/>Vacutainer tube</p> <p><b>Pediatric Venous:</b><br/>2 mL Paeds K2<br/>EDTA<br/>(Lavender)<br/>Vacutainer</p> <p><b>Pediatric (Capillary):</b><br/>0.5 mL MAP K<sub>2</sub><br/>EDTA<br/>(Lavender)<br/>Microtube<br/>0.5 mL K<sub>2</sub><br/>EDTA<br/>(Lavender)<br/>Microtube<br/>GENERAL<br/>LABORATORY<br/>REQUISITION</p> | As required   | 10-100 x 10 <sup>9</sup> /L | 2006-11-14     | Reflection of erythropoietic activity. |
| Reticulocyte Count (see <u>Reticulocyte Absolute</u> ) |            |                                                                                                                                                                                                                                                                                                                                                                                                |               |                             |                |                                        |
|                                                        |            |                                                                                                                                                                                                                                                                                                                                                                                                |               |                             |                |                                        |

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| Rett Syndrome<br>MECP2 | Molecular<br>Diagnostics | Whole blood-2<br>x 4 mL<br>Lavender EDTA<br>top Vacutainer<br>tube<br>MOLECULAR<br>DIAGNOSTIC<br>REQUISITION | As required<br>Monday - Friday<br>0800 - 1600 h | See report      |                | <p>For more information click on:</p> <p>Molecular Diagnostic Laboratory<br/>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 in mice (more...)</p> |

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| RF (see <u>Rheumatoid Factor, Plasma</u> )                           |                   |                                                                                                                                                                                                         |                                                   |                 |                |                                                                                                                                                             |
| Rheumatoid Factor, Plasma<br>RF<br>RA                                | Core              | <b>Adult:</b><br>4.5 mL Green (Lithium Heparin) top Vacutainer<br><br><b>Pediatric:</b><br>0-2 years: 0.5 mL Green top Microtainer<br>2-10 years: 3 mL Green top tube<br>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<br>Rocky Mountain Spotted Fever<br>Murine Typhus | Microbiology (VH) | Blood-5 mL Gold or 6 mL Red top Vacutainer tube<br>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> )                   |                   |                                                                                                                                                                                                         |                                                   |                 |                |                                                                                                                                                             |

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| Risperidone, Serum/Plasma<br>Risperidol                        | Toxicology/Special Chemistry | 6 mL Red top Vacutainer tube<br>or<br>4.5 mL Green (Lithium Heparin) top Vacutainer tube<br>GENERAL LABORATORY REQUISITION                                | Once a week                                                                                                                                                         | <b>Risperidone:</b><br>19-49 nmol/L<br><br><b>9-Hydroxyrisperidone:</b><br>19-211 nmol/L | 2006-05-19     |          |
| Ritalin™ (see <u>Methylphenidate, Urine</u> )                  |                              |                                                                                                                                                           |                                                                                                                                                                     |                                                                                          |                |          |
| Rituximab Monitoring                                           | Flow Cytometry (VH)          | Peripheral blood collected in K <sub>2</sub> or K <sub>3</sub> EDTA Lavender top Vacutainer tube<br>Referred-In<br>Samples:<br>FLOW CYTOMETRY REQUISITION | Monday-Friday 0800-1600<br><br>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> )        |                              |                                                                                                                                                           |                                                                                                                                                                     |                                                                                          |                |          |
|                                                                |                              |                                                                                                                                                           |                                                                                                                                                                     |                                                                                          |                |          |

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| 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<br>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> )                         |                     |                                                                                        |                                                   |                 |                |          |