

# Laboratory Profiles

Updated 2 May, 2024

<p><u>Toronto Serology Lab (TML)</u> HbsAg, HbcAb, HCV, HIV, HTLV, CMV, Syphilis, EBV, WNV, Toxoplasmosis</p> <p>Mt. Sinai Hospital 600 University Avenue, Room 1470 Toronto, ON M5G 1X5 Tel: 416 586 4800 ext. 4182 Pager: 416 380 5628 Fax: 416 619 5522</p> <p><u>Delivery Instructions:</u> <u>Regular Hours</u> (Mon–Fri 8am to 8pm, Weekends 8am-4pm) Deliver to Microbiology Specimen Receiving Area on 14th floor (accessed by main elevators)</p> <p><u>After Hours</u> (Mon –Fri 8pm to 8am, Weekends 4pm-8am) Enter using Murray Street Entrance. Sign in with security and proceed to the Murray Street elevators). Proceed to the 14<sup>th</sup> floor. Leave bags in the <b>blue bucket</b> in 14th floor Microbiology elevator area and ring doorbell.</p>	<p>Donor Hospital Regions for which testing is done: Toronto, Sudbury, Sault Ste. Marie, Hamilton, Thunder Bay</p> <p>Serology, NAT and West Nile testing specimen tubes required:</p> <ul style="list-style-type: none"><li>• 3 clotted serum/red tubes (20 ml)</li><li>• 3 EDTA tubes (12 ml)</li></ul> <p>TOXO Testing – done at this lab Mon-Fri 0800-1600. E-mail request to complete TOXO testing and completed requisition form to: <a href="mailto:Microbiology.SpecialQueries@sinaihealth.ca">Microbiology.SpecialQueries@sinaihealth.ca</a></p> <p>NAT Testing <b>ONLY</b>:</p> <ul style="list-style-type: none"><li>• 1-2 EDTA</li></ul> <p>If NAT testing unavailable at TML, see Winnipeg lab profile below.</p> <p>Out-of-Province Donor Testing: HTLV 1/2</p> <ul style="list-style-type: none"><li>• 1 clotted serum/red tubes (10 ml)</li></ul> <p>West Nile Virus <b>ONLY</b></p> <ul style="list-style-type: none"><li>• 1 EDTA tube (6 ml)</li></ul> <p>Notify lab/TML technologist on call one hour prior to sample arriving.</p>
<p><u>Toronto HLA Lab</u> HLA Laboratory - LMP University Health Network 200 Elizabeth St., <u>11E-444*</u> Toronto, ON M5G 2C4</p> <p><u>Regular Hours</u> (Mon-Fri 8am to 5pm) Tel: 416 340 4995 <u>After Hours</u> (5pm-8am, including weekends and stat holidays) 1<sup>st</sup> call pager: 416 715 3835 2<sup>nd</sup> call pager: 416 790 4505 Fax: 416 340 3133</p> <p><u>Delivery Instructions:</u> <u>Regular Hours</u> (Mon-Fri 8am to 5pm) Deliver to above address</p> <p><u>After Hours</u> (5pm-8am, including weekends and stat holidays) Deliver to: HLA Laboratory – LMP %/ Specimen Management University Health Network 200 Elizabeth St., 3E-347* Toronto, ON M5G 2C4</p>	<p>Transplant Programs for which testing is done: UHN, HSC, SMH</p> <p>Specimen tubes required:</p> <ul style="list-style-type: none"><li>• Typing: 2 EDTA tubes (12 ml)</li><li>• Cross matches: 6 ACD tubes (80 ml)</li></ul> <p><u>Pediatric Requirements - confirm with HLA lab if needed</u></p> <p>Call/Page HLA technologist one hour prior to sample arriving</p> <p>Additional Delivery Instructions: *Use the Elizabeth St. entrance to access the daytime and after hours drop off locations. Both drop off locations are in the Eaton Wing, accessible via the Eaton Elevators. The main door is locked between 2300-0500hrs. During this time, couriers can obtain access from security using the HELP communication box, adjacent to the wheelchair access push panel to the right of the main entrance door.</p>

<p style="text-align: center;"><u>Hamilton HLA Lab</u></p> <p>St. Joseph's Healthcare 50 Charlton Ave. East L8N 4A6</p> <p>Tel: 905 522 4941 ext. 34069 Paging: 905 521 2100 ext. 76443</p> <p><u>Delivery Instructions</u> Use Emergency entrance on James Street. Deliver to Emergency Desk and have them call McMaster paging 905-521-2100 ext. 76443 - ask to have the HLA tech paged.</p>	<p>Transplant Program for which testing is done: St. Joe's Hamilton</p> <p>Specimen tubes required: Typing</p> <ul style="list-style-type: none"> <li>• 2 EDTA tubes (12 ml) Crossmatches</li> <li>• 6 ACD tubes (80 ml)</li> </ul> <p>OTDC will send blood to lab. CSC to page Tissue Typing/HLA tech on call through locating to initiate HLA</p>
--	---

<p style="text-align: center;"><u>London Serology Lab (Core Lab)</u> HbsAg, HbcAb, HCV, HIV, HTLV, Syphilis, CMV</p> <p>London Health Sciences Centre, University Campus, Room A3-201 339 Windermere Road</p> <p>Tel: 519 685 8300 ext. 35787 Fax: 519 663 3798</p> <p>Core Lab to notify PRC that samples have arrived. The Core lab staff will direct the rest of the samples to the appropriate site. PRC to contact other labs as needed.</p> <p>Blood from donors outside London region - sent to Core Lab University campus</p>	<p>Donor Hospital Regions for which testing is done: London, Windsor</p> <p>Specimen tubes required:</p> <ul style="list-style-type: none"> <li>• 2 SST/gold top tubes (10 ml)</li> <li>• 1 EDTA tube (6 ml)</li> <li>• 2 EDTA tubes (12 ml)</li> <li>• 1 clotted serum/red tube (10 ml)</li> </ul> <p>PRC and OTDC's – please indicate the following on specimens: After hours, couriers will leave samples with security when a security guard is on duty (20:00-06:00). Between 06:00-20:00, couriers should call the laboratory (ext. 35787) and laboratory staff will arrive immediately to pick specimens up. If at any time security is not there, please page the lab to come and receive the sample.</p>
---	---

<p style="text-align: center;"><u>London Virology Lab</u> Stat WNV and Non-Stat EBV &amp; Toxo</p> <p>London Health Sciences Centre Victoria Hospital, Room B10-109 800 Commissioners Road East London, ON N6A 4G5</p> <p>Tel: 519 685 8500 ext. 64667 Fax: 519 646 6002 1<sup>st</sup> call pager: 519 685 8500 ext. 14733</p> <p>Note: EBV is tested at the Endocrinology Lab at LHSC-UH (ext. 77676)</p>	<p>Donor Hospital Regions for which testing is done: London, Windsor</p> <p>Specimen tubes required:</p> <ul style="list-style-type: none"> <li>• 1 SST/gold top tube (5 ml)</li> <li>• November 1 – April 30: 1 EDTA tube (6 ml)</li> <li>• May 1 – October 31: 2 EDTA tubes (12 ml)</li> </ul> <p>Core lab to notify PRC that samples have arrived.</p> <p>Nov 1 – April 30 - EBV and Toxo will be run next business day – do not page to advise samples delivered.</p>
---	---

<p style="text-align: center;"><u>London HLA Lab</u></p> <p>London Health Sciences Centre, University Campus, Room BLL 250 339 Windermere Road London, ON N6A 5A5</p> <p>Tel: 519 663 3320 Fax: 519 663 3687 1<sup>st</sup> call pager: 519 685 8300 ext. 13321</p> <p>Deliver samples to the SECURITY DESK at Entrance A</p>	<p>Donor Hospital Regions for which testing is performed: London, Windsor, Owen Sound, Sault Ste. Marie and Sudbury</p> <p>Specimen tubes required: Typing</p> <ul style="list-style-type: none"> <li>• 2 EDTA tubes (12 ml) Crossmatches</li> <li>• 6 ACD tubes (80 ml)</li> </ul> <p>- OTDC will notify PRC that samples have been sent to the Security Desk at UH. -Security staff will deliver samples to the CORE lab -CORE lab will call the PRC when they receive the samples</p> <p><u>London Region Donors:</u> PRC will page the Primary HLA Technologist on-call to initiate donor typing</p>
---	--

<p style="text-align: center;"><u>Ottawa Serology - Children's Hospital of Eastern Ontario (CHEO) Biochemistry Lab</u></p> <p>HbsAg, anti-HBc total, anti-HCV, anti-HIV I/II, HIV p24, Anti-HTVL I/II, anti-CMV, Syphilis, EBV and Toxoplasmosis</p> <p>401 Smyth Road, 3<sup>rd</sup> Floor Room 3030 Ottawa, ON K1H 8L1</p> <p>Tel: 613 737 7600 ext. 2061 (alternate extension is 2069) Fax: 613 738 4248</p>	<p>Donor Hospital Regions for which testing is done: Ottawa, Kingston, Belleville, Trenton</p> <p>Specimen tubes required:</p> <ul style="list-style-type: none"> <li>• 2 full clotted serum/red tubes</li> </ul> <p>OTDC/PRC to notify tech when specimen is on route. Send with TGLN lab requisition for stat serologies and Toxo and EBV</p> <p>Drop off location - Stat Specimen Receiving Area.</p>
--	--

<p style="text-align: center;"><u>Ottawa Microbiology Lab – WNV</u></p> <p>General Campus 501 Smyth Road (3<sup>rd</sup> floor) Ottawa, ON K1H 8L6</p> <p>1<sup>st</sup> Call –WNV tech on call via pager 613-402-2610 2<sup>nd</sup> call – If unable to reach tech by pager call via locating 613 737 8222</p> <p>Regular hours (Mon-Fri 08:00 – 16:00) Tel: 613 737 8322 After hours (evenings/weekends/statutory holidays) Tel: 613 593 4135 Fax: 613 737 8324</p>	<p>Donor Hospital Regions for which testing is done: Ottawa, Kingston, Belleville, Trenton</p> <p>Specimen tubes required: Requirements for Hep B, Hep C, HIV Testing &amp; West Nile</p> <ul style="list-style-type: none"> <li>• 4 EDTA Blood Tubes</li> </ul> <p>Requirements for Hep B, Hep C and HIV testing:</p> <ul style="list-style-type: none"> <li>• 2 EDTA blood tubes</li> </ul> <p>Requirements for West Nile (only completed May 1- Oct 31)</p> <ul style="list-style-type: none"> <li>• 2 EDTA blood tubes</li> </ul> <p>OTDC/PRC to page WNV tech on call for WNV testing. PRC to notify tech for non-Ottawa donors when specimen is en route</p> <p>Drop off location - Stat Specimen Receiving Area The courier will have to press the buzzer to be let into the receiving area and this is where the specimens should be dropped off.</p>
--	---

<p style="text-align: center;"><u>Ottawa HLA Lab</u></p> <p>Tissue Typing DNA Lab 501 Smyth Road 4<sup>th</sup> Floor, Critical Care Wing, Room 4155 Ottawa, ON K1H 8K6</p> <p>Tel: 613 737 8277</p> <p>Regular hours (Mon-Fri 08:00 – 16:00) Call lab directly at 613 737 8277. If no answer leave message and someone will call back. After hours (evenings/weekends/statutory holidays) Contact lab tech on-call via Ottawa Hospital locating 613 737 8899 ext. 78222</p>	<p>Transplant Programs for which testing is done: OHI, TOH</p> <p>Specimen tubes required: Typing</p> <ul style="list-style-type: none"> <li>• 2 EDTA tubes (12 ml) Crossmatches</li> <li>• 6 ACD tubes (48 ml)</li> </ul> <p>CSC to call/page Tissue Typing Tech on call if kidney accepted by TOH</p>
<p style="text-align: center;"><u>Kingston HLA Lab</u></p> <p>Kingston Immunology Lab 76 Stuart Street Located on Douglas One</p> <p>Monday-Friday (0800-1600): 613 549 6666 ext. 4602</p> <p>After Hours (after 1600), Weekends and Holidays: 613-331-0653</p>	<p>Transplant Program Region for which testing is done: Kingston</p> <p>Specimen tubes required: Typing</p> <ul style="list-style-type: none"> <li>• 6 ACD tubes (80 ml)</li> </ul> <p>Notify HLA tech to complete HLA testing and initial cross matching.</p>
<p style="text-align: center;"><u>Winnipeg NAT testing</u></p> <p>Cadham Provincial Laboratory 750 William Avenue Winnipeg, MB R3E 3J7</p> <p>Regular hours (Mon-Fri 09:00 – 17:00 EST) Lab Tel: 204 945 0643 After hours (evenings/weekend/statutory holidays): 204 945 0643 Ask security to page the technician on-call</p>	<p>When to send it: When the NAT testing machine at TML is out of service and NAT testing is required urgently to proceed with donation.</p> <p>Specimen tubes required:</p> <ul style="list-style-type: none"> <li>• 5 EDTA tubes (30 ml)</li> </ul> <p>What to say: Please provide the rationale for NAT testing (i.e. The NAT testing machine at our Ontario lab is currently down and we have an increased risk donor that requires NAT testing results to proceed with donation).</p>

HLA – if a kidney is shipped out of the donor region, an additional 80 ml ACD blood will be required for that kidney