

Laboratory Licence

Permis de laboratoire

Under *Laboratory and Specimen Collection Centre Licensing Act* and the regulations made thereunder and subject to the limitations thereof this
En vertu de la Loi autorisant des laboratoires médicaux et des centres de prélèvements et des règlements pris en application de cette loi, et sous réserve des restrictions qui y sont prévues, le présent

<input type="checkbox"/>	provisional/provisoire	}	licence authorizes the establishment, maintenance or operation of autorise l'établissement, le maintien ou l'exploitation de
<input checked="" type="checkbox"/>	regular/ordinaire		

William Osler Health System - Brampton Civic Hospital

(name of laboratory/nom du laboratoire)

2100 Bovaird Drive East, Brampton

(address of laboratory/adresse du laboratoire)

to perform the following classes of tests:/pour exécuter les testes des catégories suivantes:

AS LISTED ON THE APPENDIX TO THIS LICENCE

Operator(s) of laboratory
Exploitant(s) du laboratoire

William Osler Health System

Owner(s) of laboratory
Propriétaire(s) du laboratoire

William Osler Health System

This licence is issued subject to the following conditions:

1. That the person(s) named herein as operator(s) of the laboratory is (are) in fact the operator(s) of the laboratory.
2. That the person(s) named herein as owner(s) of the laboratory is (are) in fact owner(s) of the laboratory.
3. That the laboratory maintains at all times adequate laboratory staff who are qualified to perform the classes of tests specified in this licence.
4. That the laboratory remain situated at the address and location specified in this licence.

Ce permis est délivré sous reserves des condtions suivantes:

- 1) la ou les personnes nommées ci-dessus comme étant le ou les exploitants du laboratoire sont en fait les exploitants du laboratoire;
- 2) la ou les personnes nommées ci-dessus comme étant le ou les propriétaires du laboratoire sont en fait les propriétaires du laboratoire;
- 3) le personnel du laboratoire est toujours du personnel de laboratoire ayant les compétences voulues pour exécuter les catégories de tests désignées sur ce permis.
- 4) Le laboratoire se trouve bien à l'adresse et dans les locaux désignés sur le permis.

Date issued

Date d'émission

Oct 28, 2021

Expiry Date

Date d'expiration

May 29, 2023

Approved by the Director of Laboratory and Specimen
Collection Centre Licensing

Licence Number

Numéro du permis

4111

Approuvé par le Directeur de la délivrance de permis
pour les laboratoires et les centres de prélèvements



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Ministère de la Santé

*Laboratory and Specimen Collection Centre
Licensing Act*

*Loi autorisant des laboratoires médicaux et
des centres de prélèvements*

**Appendix to
Laboratory Licence**

**Annexe au
permis de laboratoire**

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Date issued October 03, 2022
Date d'émission

Test Class / Classes de tests	Sub Class / Sous-classe	Test Code / Codes de tests	Test Name / Noms de tests
Biochemistry	General Chemistry	L319	Hepatitis associated antigen or antibody immunoassay - per assay (e.g. hepatitis B surface antigen or antibody, hepatitis B core antibody, hepatitis A antibody)*
	General Chemistry	L001	Acetone, qualitative*
	General Chemistry	L005	Albumin, quantitative*
	General Chemistry	L006	Alcohol, ethyl - quantitative*
	General Chemistry	L015	Ammonia*
	General Chemistry	L018	Amylase*
	General Chemistry	L030	Bilirubin, total*
	General Chemistry	L031	Bilirubin, conjugated*
	General Chemistry	L034	pH*
	General Chemistry	L035	pCO ₂ , pO ₂ and pH in combination*
	Therapeutic Drug Monitoring	L040	Carbamazepine, quantitative (Tegretol)*
	General Chemistry	L045	Calcium*
	General Chemistry	L046	Calcium ionized*
	General Chemistry	L053	Chloride*
	General Chemistry	L055	Cholesterol, total*
	General Chemistry	L059	Acetaminophen*
	General Chemistry	L060	Carboxyhemoglobin*
	General Chemistry	L061	CO ₂ Content, CO ₂ combining power, bicarbonate (measured not calculated)*



Ministry of Health

Ministère de la Santé

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Laboratory Licence**

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Biochemistry	General Chemistry	L066	Creatine Phosphokinase*
	General Chemistry	L067	Creatinine*
	General Chemistry	L068	Creatinine clearance*
	General Chemistry	L078	Drugs of abuse screen, urine*
	General Chemistry	L085	Electrophoresis, serum - including total protein*
	General Chemistry	L093	Glycosylated hemoglobin - Hgb A1*
	General Chemistry	L097	Fat and/or meat fibres (microscopic) - F*
	General Chemistry	L098	Fat, (microscopic) - U*
	General Chemistry	L103	Glucose tolerance test in pregnancy*
	General Chemistry	L104	Glucose tolerance test*
	General Chemistry	L107	Gamma glutamyl transpeptidase*
	General Chemistry	L111	Glucose, quantitative - not by dipstick*
	General Chemistry	L112	Glucose, semi-quantitative (dipstick if read with reflectance meter)*
	General Chemistry	L117	High density lipoprotein cholesterol*
	General Chemistry	L139	Iron, total - with iron binding capacity and percent saturation*
	General Chemistry	L145	Lactic acid (lactate)*
	General Chemistry	L146	Lactic dehydrogenase (L.D.H.), total*
	General Chemistry	L150	Lipase*
	Therapeutic Drug Monitoring	L157	Lithium*
	General Chemistry	L165	Magnesium*
General Chemistry	L172	Methemoglobin*	



Ministry of Health

Ministère de la Santé

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Biochemistry	General Chemistry	L181	Occult blood*
	General Chemistry	L183	Osmolality (osmolarity)*
	General Chemistry	L191	Phosphatase, alkaline*
	General Chemistry	L194	Phosphorus (inorganic phosphate)*
	General Chemistry	L204	Potassium*
	General Chemistry	L208	Protein, total*
	General Chemistry	L221	Salicylate, quantitative*
	General Chemistry	L222	SGOT (AST)*
	General Chemistry	L223	SGPT (ALT)*
	General Chemistry	L226	Sodium*
	General Chemistry	L243	Triglycerides*
	General Chemistry	L251	Urea nitrogen (B.U.N.)*
	General Chemistry	L252	Uric acid (urate)*
	General Chemistry	L253	Urinalysis, routine chemical (any of S.G., pH, protein, sugar, hemoglobin, ketones, urobilinogen, bilirubin, leukocyte esterase, nitrate)*
	General Chemistry	L254	Urinalysis, microscopic examination of centrifuged specimen*
	Therapeutic Drug Monitoring	L257	Valproic acid (valproate)*
	General Chemistry	L354	Prostate Specific Antigen (PSA), Free
	General Chemistry	L358	Prostate Specific Antigen (PSA), Total
	General Chemistry	U095	Prealbumin
	General Chemistry	U116	Troponin
General Chemistry	U432	Natriuretic Peptide - Brain (BNP)	



Ministry of Health

Ministère de la Santé

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Laboratory Licence**

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Biochemistry	General Chemistry	U435	Foetal Fibronectin
	Immunoassays	L303	Cortisol*
	Immunoassays	L304	Aminoglycosides (e.g. gentamicin, tobramycin)*
	Immunoassays	L306	Digoxin*
	Immunoassays	L310	Estradiol*
	Immunoassays	L315	FSH (pituitary gonadotrophins)*
	Immunoassays	L318	HCG (human chorionic gonadotrophins)*
	Immunoassays	L324	Diphenylhydantoin (phenytoin), quantitative (dilantin)*
	Immunoassays	L328	LH (luteinizing hormone)*
	Immunoassays	L329	Ferritin*
	Immunoassays	L330	Parathyroid hormone*
	Immunoassays	L332	Prolactin*
	Immunoassays	L339	T4, free - absolute (includes T-4 total)*
	Immunoassays	L340	Testosterone*
	Immunoassays	L341	TSH (thyroid stimulating hormone)*
	Immunoassays	L345	Vitamin B12*
	Immunoassays	L606	25 hydroxy Vitamin D*
	Immunoassays	L690	Carcinoembryonic antigen (CEA)*
Immunoassays	L691	Alpha-fetoprotein*	
Cytology		L705	Aspiration biopsy (lung, breast, thyroid, etc.)*
		L706	Bronchial washings or brushings*
		L708	Esophageal, gastric or endometrial washings or brushings*
		L710	Direct smears - oral, larynx, nipple discharge, vulvar*
		L711	Fluids (pleural, ascitic, cyst, aspirate, pericardial, joint, CSF, and urine)*
		L716	Sputum per specimen for general and/or specified assessment (e.g. cellular abnormality, asbestos bodies, lipid, hemosiderin, etc.)*
Flow Cytometry		L685	Leukocyte phenotyping by monoclonal antibodies - first antibody*



Ministry of Health

Ministère de la Santé

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Laboratory Licence**

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Flow Cytometry		L686	Leukocyte phenotyping by monoclonal antibodies - each additional antibody, to a maximum of 20 antibodies*
Genetics			
	Molecular Genetics	U577	Genetics - Lung Cancer (EGFR)
	Molecular Genetics	U638	Genetics - Hereditary Non-Polyposis Colorectal Cancer (HNPCC) (MSI testing (E.G.BAT26))
	Molecular Genetics	U745	Genetics - Colon Cancer (K-RAS gene)
	Molecular Genetics	U841	Genetics - Other Solid Tumours (N-RAS mutation)
	Molecular Genetics	U863	Genetics - Carcinoma/Melanoma/Astrocytoma; BRAF mutations/translocations
	Molecular Genetics	P070	Genetics - NGS-Oncology-Solid Tumour Panel
Hematology			
	Coagulation	L373	Antithrombin III assay*
	General Hematology	L378	Bone marrow - film preparation*
	General Hematology	L379	Bone marrow - staining (Romanowski and iron)*
	Coagulation	L386	Circulating anticoagulant (e.g. lupus anticoagulant)*
	Coagulation	L390	Clotting time (Lee and White)*
	General Hematology	L391	C.S.F. cell count (to include differential)*
	General Hematology	L393	Complete Blood Count (any method)*
	General Hematology	L398	Reticulocyte count*
	Coagulation	L402	Fibrinogen, quantitative*
	Coagulation	L405	Fibrin split products, quantitative*
	General Hematology	L415	Haptoglobin*
	General Hematology	L419	Hemoglobin electrophoresis to include Hb A2 fraction*
		L431	Kleihauer stain*
General Hematology	L432	Malaria smear or other parasites*	



Ministry of Health

Ministère de la Santé

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Hematology	Coagulation	L445	Prothrombin time*
	General Hematology	L451	Sedimentation rate*
	General Hematology	L453	Sickle cell solubility test (screen)*
	Coagulation	L460	Thrombin time*
	Coagulation	L462	Partial thromboplastin time*
	Coagulation	U098	Protein C
	Coagulation	U100	Protein S
		U140	Rh Rosette Test
Histopathology		L720	Surgical pathology*
		L721	Operative consultation - with or without frozen section*
		L722	Operative consultation - for each specimen over 3*
		L731	Immunoperoxidase technique - per label*
		U363	HER2/neu
Immunohematology		L471	Antibody identification - per specimen*
		L473	Parallel titration on two specimens to include confirmation of previously detected antibody*
		L481	Antibody titre per antibody, per specimen*
		L482	Antibody screening*
		L490	Blood Group - ABO and RhD*
		L492	Crossmatch per unit of blood*
		L493	Blood Group - ABO and Rh Phenotype*
		L494	Blood Group per antigen*
		L495	Direct anti-human globulin test*
Immunology			
	General Immunology	L500	Agglutination Reaction - Screen (e.g. Rheumatoid factor, Antithyroid [thyroglobulin or microsomal], Streptolysin)*
	General Immunology	L544	Fluorescent Antibody Tests (Immunofluorescent Studies), Tests for serum antibodies to tissue and cell components - antinuclear*



Ministry of Health

Ministère de la Santé

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Laboratory Licence**

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Immunology	General Immunology	L550	Single gel diffusion and nephelometric quantitative assays - Immunoglobulin G, A, D, M*
	General Immunology	L551	Complement proteins - C3(B1C)*
	General Immunology	L552	Complement proteins - C4(B1E)*
	General Immunology	L553	Miscellaneous proteins - Ceruloplasmin*
	General Immunology	L554	Miscellaneous proteins - Transferrin*
	General Immunology	L575	Gammopathy Screen by immunoelectrophoresis or immunofixation*
	General Immunology	L600	Cryoglobulin - qualitative*
	General Immunology	L665	C-Reactive protein*
	Microbial Immunology	L667	Non-cultural direct bacterial antibody or antigen assays by fluorescence, agglutination or ELISA techniques*
	General Immunology	L668	Heterophile antibodies - screen (slide or single tube) - with or without absorption*
	General Immunology	U029	CA 125
	General Immunology	U270	CA 19-9
	General Immunology	U718	Free Light Chains (FLC)
	Microbiology		
Bacteriology		L620	Antibiotic level, serum
Bacteriology		L624	Cultures - blood (including aerobic, anaerobic, subcultures, smears)*
Bacteriology		L625	Cultures - cervical, vaginal, including GC culture, Gram smear, yeast identification (e.g. Germ tube)*
Bacteriology		L627	Cultures - GC culture and smear*
Bacteriology		L628	Cultures - other swabs or pus-culture and smear*
Bacteriology		L629	Cultures - sputum-culture and smear*
Bacteriology		L630	Cultures - stool culture, including the necessary agglutinations and culture for campylobacter*
Bacteriology		L634	Cultures - urine calibrated volume to include plate, turbidimetric or photometric techniques*
Bacteriology	L636	Streptococcus grouping, Lancefield or equivalent with extractions*	



Ministry of Health

Ministère de la Santé

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Microbiology	Bacteriology	L639	Cultures - fluids (CSF, joint, pleural etc. not exudates)*
	Bacteriology	L640	Cultures - throat swab, for streptococcus screen only*
	Bacteriology	L643	Smear only, Gram or Papanicolaou stain*
	Bacteriology	L652	Smear only, special stain, e.g. ZN, inclusions, spores, diphtheria*
	Bacteriology	L653	Wet preparation (for fungus, trichomonas, parasites)*
	Bacteriology	L656	Penicillinase production*
	Virology	L887	Serology HIV Antibody for Occupational Exposure Purposes Only
	Virology	L887	Serology HIV Antibody for Patients in Labour Purposes Only
	Virology	U970	COVID-19 (SARS-CoV-2)

**Approved Specimen Collection / Prélèvement d'échantillons
approuvé**

Specimen Type / Types de prélèvement
Blood



ACCREDITATION
CANADA

CERTIFICATE OF ACCREDITATION

This is to certify that

**William Osler Health System - Brampton
Civic Hospital**

2100 Bovaird Dr. E.,
BRAMPTON, ON L6R 3J7



ISO 15189 Plus™
Accredited

Medical Laboratory
4002



Accreditation is valid for the specific activities and examinations listed in the scope of accreditation posted to <https://diagnostics.accreditation.ca>, provided that the laboratory continues to meet explicit requirements (Version 8, December 2019) based on:

- ISO 15189:2012(E) Medical Laboratories-Requirements for Quality and Competence.
- ISO/FDIS 15190:2019(E) Medical Laboratories-Requirements for Safety.
- ISO 22870:2016(E) Point-of-care Testing (POCT)-Requirements for Quality and Competence (where relevant).

Met the accreditation requirements during the assessment conducted on 2021-10-19 to 2021-10-22.
Site visit occurred on 2021-10-19.

This document is valid until 2026-03-21.

Julie Coffey

Julie Coffey
Director, Diagnostic Programs

Signed at Toronto, 2022-02-10

Accreditation Canada Diagnostics
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