



Ministry of Health

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**

Tests within classes of tests authorised by Laboratory Licence Number: 4046
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4046

Date issued September 28, 2023
Date d'émission

- The ministry requires testing for COVID-19 be conducted in accordance with ministry policies, procedures and directives which include but are not limited to testing protocols, information/data flow and related communication protocols.

Licensed laboratories must communicate results to an individual that is aligned with the messaging and guidance provided by the Ministry of Health and Public Health Ontario. Please also review the COVID-19 Provincial Testing Guidance.

Test Class / Classes de tests	Sub Class / Sous-classe	Test Code / Codes de tests	Test Name / Noms de tests
Biochemistry	General Chemistry	L005	Albumin, quantitative*
	Toxicology	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	pCO2, pO2 and pH in combination*
	Therapeutic Drug Monitoring	L040	Carbamazepine, quantitative (Tegretol)*
	General Chemistry	L045	Calcium*
	General Chemistry	L053	Chloride*
	General Chemistry	L054	Chloride (sweat)*
	General Chemistry	L055	Cholesterol, total*
	Toxicology	L059	Acetaminophen*
	General Chemistry	L060	Carboxyhemoglobin*



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Biochemistry	General Chemistry	L061	CO2 Content, CO2 combining power, bicarbonate (measured not calculated)*
	General Chemistry	L066	Creatine Phosphokinase*
	General Chemistry	L067	Creatinine*
	General Chemistry	L068	Creatinine clearance*
	Toxicology	L078	Drugs of abuse screen, urine*
	General Chemistry	L093	Glycosylated hemoglobin - Hgb A1*
	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*
	General Chemistry	L181	Occult blood*
General Chemistry	L183	Osmolality (osmolarity)*	
General Chemistry	L191	Phosphatase, alkaline*	



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Biochemistry	General Chemistry	L194	Phosphorus (inorganic phosphate)*
	General Chemistry	L204	Potassium*
	General Chemistry	L208	Protein, total*
	Toxicology	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	L358	Prostate Specific Antigen (PSA), Total
	General Chemistry	U097	Prostate Specific Antigen (PSA), Total
	General Chemistry	U116	Troponin
	General Chemistry	U435	Foetal Fibronectin
	Immunoassays	L304	Aminoglycosides (e.g. gentamicin, tobramycin)*
	Immunoassays	L306	Digoxin*
	Immunoassays	L318	HCG (human chorionic gonadotrophins)*
Immunoassays	L321	Aminophylline (theophylline)*	
Immunoassays	L324	Diphenylhydantoin (phenytoin), quantitative (dilantin)*	
Immunoassays	L329	Ferritin*	



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Biochemistry	Immunoassays	L330	Parathyroid hormone*
	Immunoassays	L339	T4, free - absolute (includes T-4 total)*
	Immunoassays	L341	TSH (thyroid stimulating hormone)*
	Immunoassays	L343	Phenobarbitone*
	Immunoassays	L345	Vitamin B12*
	Immunoassays	L607	T-3, free*
Cytology		L705	Aspiration biopsy (lung, breast, thyroid, etc.)*
		L706	Bronchial washings or brushings*
		L707	Buccal or vaginal smear for Barr body*
		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)*
		L714	Smear for inclusion bodies*
		L716	Sputum per specimen for general and/or specified assessment (e.g. cellular abnormality, asbestos bodies, lipid, hemosiderin, etc.)*
		L718	Seminal fluid examination (complete)*
		L719	Smear for spermatozoa only (post-operative)*
Hematology	General Hematology	L378	Bone marrow - film preparation*
	General Hematology	L379	Bone marrow - staining (Romanowski and iron)*
	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*
		L431	Kleihauer stain*



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Hematology	General Hematology	L432	Malaria smear or other parasites*
	Coagulation	L445	Prothrombin time*
	General Hematology	L451	Sedimentation rate*
	General Hematology	L453	Sickle cell solubility test (screen)*
	Coagulation	L462	Partial thromboplastin time*
		U140	Rh Rosette Test
Histopathology		L720	Surgical pathology*
		L721	Operative consultation - with or without frozen section*
Immunohematology		L471	Antibody identification - 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	L554	Miscellaneous proteins - Transferrin*
	General Immunology	L600	Cryoglobulin - qualitative*
	General Immunology	L655	Pregnancy test*
	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*
	Microbial Immunology	L683	Non-cultural indirect antibody or antigen assays by fluorescence, agglutination or ELISA techniques*



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Microbiology	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	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*
	Bacteriology	L639	Cultures - fluids (CSF, joint, pleural etc. not exudates)*
	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)*
	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
Fluid/Discharge/Swab
Stool
Tissue
Urine