



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**

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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)*
	Immunoassays	L585	Ligand assays - not included above*
	General Chemistry	L001	Acetone, qualitative*
	General Chemistry	L005	Albumin, quantitative*
	General Chemistry	L006	Alcohol, ethyl - quantitative*
	General Chemistry	L008	Alcohols, fractionation and quantification*
	General Chemistry	L015	Ammonia*
	General Chemistry	L018	Amylase*
	Therapeutic Drug Monitoring	L026	Barbiturates, quantitative*
	Therapeutic Drug Monitoring	L027	Barbiturates, fractionation and quantification (serum) - includes other drugs requiring similar methodology; e.g., tricyclic antidepressants*
	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	L051	Catecholamines, fractionated*



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**

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permis de laboratoire**

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Date issued July 29, 2022
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	General Chemistry	L054	Chloride (sweat)*
	General Chemistry	L055	Cholesterol, total*
	General Chemistry	L059	Acetaminophen*
	General Chemistry	L060	Carboxyhemoglobin*
	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*
	General Chemistry	L073	Target drug testing, urine, qualitative or quantitative*
	General Chemistry	L078	Drugs of abuse screen, urine*
	General Chemistry	L079	Broad spectrum toxicology screen, urine - includes confirmatory testing*
	General Chemistry	L093	Glycosylated hemoglobin - Hgb A1*
	General Chemistry	L101	Homovanillic acid (homovanillate), HVA*
	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	L122	5HIAA quantitation - U*	



Ministry of Health

Ministère de la Santé

*Laboratory and Specimen Collection Centre
Licensing Act*

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

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Laboratory Licence**

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permis de laboratoire**

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Date d'émission July 29, 2022

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	General Chemistry	L145	Lactic acid (lactate)*
	General Chemistry	L146	Lactic dehydrogenase (L.D.H.), total*
	General Chemistry	L150	Lipase*
	General Chemistry	L154	Lipoprotein, ultracentrifugation*
	Therapeutic Drug Monitoring	L157	Lithium*
	Therapeutic Drug Monitoring	L160	Methotrexate (amethopterin)*
	General Chemistry	L165	Magnesium*
	General Chemistry	L169	Metanephrines, total - U*
	General Chemistry	L172	Methemoglobin*
	General Chemistry	L174	Myoglobin, qualitative - U*
	General Chemistry	L181	Occult blood*
	General Chemistry	L183	Osmolality (osmolarity)*
	General Chemistry	L184	Oxalic acid (oxalate) - U*
	General Chemistry	L191	Phosphatase, alkaline*
	General Chemistry	L194	Phosphorus (inorganic phosphate)*
	General Chemistry	L204	Potassium*
	General Chemistry	L208	Protein, total*
	Therapeutic Drug Monitoring	L211	Primidone, quantitative (Mysoline)*
	General Chemistry	L221	Salicylate, quantitative*
General Chemistry	L222	SGOT (AST)*	



Ministry of Health

Ministère de la Santé

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Licensing Act*

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des centres de prélèvements*

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Laboratory Licence**

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Date issued July 29, 2022
Date d'émission July 29, 2022

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	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	L260	Vitamin A*
	General Chemistry	L261	VMA, vanillylmandelic acid (vanillylmandelate)*
	General Chemistry	L358	Prostate Specific Antigen (PSA), Total
	General Chemistry	U009	Amylase isoenzymes
	General Chemistry	U021	Apolipoproteins A and B
	General Chemistry	U026	Bile Acids - Total and Fractionation
	Therapeutic Drug Monitoring	U048	FK 506 (Tacrolimus)
	General Chemistry	U064	Lipoprotein (a) [Lp(a)]
	General Chemistry	U097	Prostate Specific Antigen (PSA), Total
	General Chemistry	U116	Troponin
	General Chemistry	U154	Homocysteine
	General Chemistry	U163	Vitamin E
General Chemistry	U201	Dihydrotestosterone - DHT	



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**

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Biochemistry	General Chemistry	U204	Chylomicrons
	General Chemistry	U278	Oligoclonal Banding
	General Chemistry	U369	Citrate
	Therapeutic Drug Monitoring	U371	Sirolimus (Rapamycin)
	General Chemistry	U432	Natriuretic Peptide - Brain (BNP)
	General Chemistry	U435	Foetal Fibronectin
	General Chemistry	U680	Beta Hydroxybutyrate
	General Chemistry	U719	Bioavailable Testosterone
	Immunoassays	L300	Aldosterone*
	Immunoassays	L303	Cortisol*
	Immunoassays	L304	Aminoglycosides (e.g. gentamicin, tobramycin)*
	Immunoassays	L305	Androstenedione*
	Immunoassays	L306	Digoxin*
	Immunoassays	L307	ACTH (adrenocorticotrophic hormone)*
	Immunoassays	L308	Serum folate
	Immunoassays	L309	RBC (red blood cell) folate, to include hematocrit
	Immunoassays	L310	Estradiol*
	Immunoassays	L313	Estrone*
	Immunoassays	L315	FSH (pituitary gonadotrophins)*
	Immunoassays	L317	Growth hormone*
	Immunoassays	L318	HCG (human chorionic gonadotrophins)*
	Immunoassays	L321	Aminophylline (theophylline)*
	Immunoassays	L324	Diphenylhydantoin (phenytoin), quantitative (dilantin)*
	Immunoassays	L325	Insulin*
Immunoassays	L328	LH (luteinizing hormone)*	
Immunoassays	L329	Ferritin*	



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**

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Biochemistry	Immunoassays	L330	Parathyroid hormone*
	Immunoassays	L331	Progesterone*
	Immunoassays	L332	Prolactin*
	Immunoassays	L333	17-OH progesterone*
	Immunoassays	L334	IgE - not to be billed for RAST test*
	Immunoassays	L335	Renin*
	Immunoassays	L339	T4, free - absolute (includes T-4 total)*
	Immunoassays	L340	Testosterone*
	Immunoassays	L341	TSH (thyroid stimulating hormone)*
	Immunoassays	L343	Phenobarbitone*
	Immunoassays	L345	Vitamin B12*
	Immunoassays	L347	Dehydroepiandrosterone sulphate (DHEAS)*
	Immunoassays	L606	25 hydroxy Vitamin D*
	Immunoassays	L607	T-3, free*
	Immunoassays	L609	Thyroglobulin*
	Immunoassays	L690	Carcinoembryonic antigen (CEA)*
	Immunoassays	L691	Alpha-fetoprotein*
	Immunoassays	U792	25 hydroxy Vitamin D
	Immunoassays	U967	Procalcitonin
Cytology		L705	Aspiration biopsy (lung, breast, thyroid, etc.)*
		L706	Bronchial washings or brushings*
		L708	Esophageal, gastric or endometrial washings or brushings*
		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.)*
		L733	Cervicovaginal Specimen (monolayer cell methodology)
Flow Cytometry		L685	Leukocyte phenotyping by monoclonal antibodies - first antibody*



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: 4083
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Flow Cytometry		L686	Leukocyte phenotyping by monoclonal antibodies - each additional antibody, to a maximum of 20 antibodies*
Genetics			
	Cytogenetics	U742	Oncology FISH test (Blood, Bone Marrow, Tumour)
	Molecular Genetics	U215	Genetics - Chronic Myelogenous Leukemia (BCR-ABL)
	Molecular Genetics	U734	Genetics - MPD (PV, ET, MF) (JAK2) gene
	Molecular Genetics	U745	Genetics - Colon Cancer (K-RAS gene)
	Molecular Genetics	U849	Genetics - Glioma (MGMT gene)
Hematology			
	Coagulation	L370	Assay of Factors II, V, VII, VIII, IX, X, XI, and XII*
	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)*
	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	L400	Euglobulin clot lysis*
	Coagulation	L402	Fibrinogen, quantitative*
	Coagulation	L403	Factor XIII (urea solubility test)*
	Coagulation	L405	Fibrin split products, quantitative*
General Hematology	L411	G-6-PD quantitative assay*	
General Hematology	L415	Haptoglobin*	



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**

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		L423	Hemolysins - cold (Donath-Landsteiner)*
	General Hematology	L424	Hemosiderin in urine*
	Coagulation	L425	Heparin assay*
		L431	Kleihauer stain*
	General Hematology	L432	Malaria smear or other parasites*
	Coagulation	L433	Plasminogen assay*
		L435	Plasmapheresis*
	Coagulation	L436	Platelet (thrombocyte) function - aggregation*
	Coagulation	L437	Platelet (thrombocyte) function - adhesiveness*
		L439	Preparation of cryoprecipitate*
	Coagulation	L445	Prothrombin time*
	Coagulation	L447	Reptilase time*
	General Hematology	L451	Sedimentation rate*
	General Hematology	L453	Sickle cell solubility test (screen)*
	Coagulation	L460	Thrombin time*
	Coagulation	L462	Partial thromboplastin time*
	Coagulation	U002	APC Resistance (Active Protein C Resistance)
	Coagulation	U003	Alpha 2 - Antiplasmin Activity
	Coagulation	U056	Heparin Induced Thrombocytopenia (HIT)
	Coagulation	U058	Hex LA (Hexagonal Phospholipid)
	Coagulation	U098	Protein C
	Coagulation	U100	Protein S
	Coagulation	U104	Ristocetin Co - Factor Activity Assay (RCoF)
Coagulation	U105	Russell Viper Venom Time (RVVT)	
	U140	Rh Rosette Test	
Coagulation	U189	Factor Inhibitors (Bethesda Units)	



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**

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Hematology	Coagulation	U314	Factor V Leiden (F5 gene)
	Coagulation	U321	Prothrombin Gene 20210A Mutation/Variant (F2 gene)
	Coagulation	U446	von Willebrand factor (vWf) - Cleaving Protease Activity
	Coagulation	U670	von Willebrand Factor - Antigen Assay (VWF:ag)
	Coagulation	U929	Whole Blood Thromboelastometry
	Coagulation	U930	Anti-Xa (Rivaroxaban Assay)
	Coagulation	U931	Anti-Xa (Apixaban Assay)
Histopathology		L717	Electron microscopy*
		L720	Surgical pathology*
		L721	Operative consultation - with or without frozen section*
		L722	Operative consultation - for each specimen over 3*
		L725	X-ray diffraction analysis of calculi*
		L728	Histochemistry of muscle - 1 to 3 enzymes*
		L729	Histochemistry of muscle - each additional enzyme, per label
		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*



Ministry of Health

Ministère de la Santé

*Laboratory and Specimen Collection Centre
Licensing Act*

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

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Laboratory Licence**

**Annexe au
permis de laboratoire**

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Immunology	General Immunology	L500	Agglutination Reaction - Screen (e.g.Rheumatoid factor, Antithyroid [thyroglobulin or microsomal], Streptolysin)*
	General Immunology	L525	Cellular Assays - Lymphocyte surface immunoglobulins by immunofluorescence*
	General Immunology	L535	Fluorescent Antibody Tests (Immunofluorescent Studies), Tests for serum antibodies to tissue and cell components - antimitochondrial, antithyroid, antiadrenal, antismooth muscle, antiparietal, antiskin, antisperm*
	General Immunology	L550	Single gel diffusion and nephelometric quantitative assays - Immunoglobulin G, A, D, M*
	General Immunology	L599	Cryofibrinogen - qualitative*
	General Immunology	L600	Cryoglobulin - qualitative*
	General Immunology	L655	Pregnancy test*
	General Immunology	L660	Cold agglutinins - screen*
	General Immunology	L661	Cold agglutinins - titre*
	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	L679	Virus antibodies - hemagglutination inhibition or ELISA technique*
	Microbial Immunology	L683	Non-cultural indirect antibody or antigen assays by fluorescence, agglutination or ELISA techniques*
	General Immunology	U015	Anti - Cardiolipin Antibody
	General Immunology	U042	Erythropoietin (EPO)
	General Immunology	U088	Osteocalcin
	General Immunology	U110	Insulin-Like Growth Factor 1 (IGF 1, Somatomedin C)
	General Immunology	U199	TSH Receptor Antibody (TRab)
	General Immunology	U260	Anti-Gliadin IgG



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**

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Immunology	General Immunology	U359	Crosslinked Teloepitopes of type 1 collagen (C-teloepitopes and N-teloepitopes)
	General Immunology	U372	Tissue Transglutaminase
	General Immunology	U404	CA 15-3
	General Immunology	U457	Anti-beta 2 Glycoprotein 1 (beta 2-GP1)
Microbiology			
	Bacteriology	L620	Antibiotic level, serum
	Bacteriology	L623	Antibiotic sensitivity - M.I.C.*
	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*
	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	L653	Wet preparation (for fungus, trichomonas, parasites)*
	Bacteriology	L656	Penicillinase production*
	Mycology	L626	Cultures - fungus, including KOH preparation and smear*
Virology	U970	COVID-19 (SARS-CoV-2)	
Virology	U985	COVID-19 (SARS-CoV-2)- Variant of Concern Screen (N501Y S Gene Mutation)	
Mycology			
		L652	Smear only, special stain, e.g. ZN, inclusions, spores, diphtheria*



Ministry of Health

*Laboratory and Specimen Collection Centre
Licensing Act*

**Appendix to
Laboratory Licence**

Ministère de la Santé

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

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permis de laboratoire**

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**Approved Specimen Collection / Prélèvement d'échantillons
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Specimen Type / Types de prélèvement
Blood Specimens