Ontario

Ministry of Health | **Ministère de la Santé**

Laboratory and Specimen Collection Centre Licensing Act | *Loi autorisant des laboratoires médicaux et des centres de prélèvements*

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

☐ provisional/provisoire

☑ regular/ordinaire

} licence authorizes the establishment, maintenance or operation of autorise l'établissement, le maintien ou l'exploitation de

The Hospital for Sick Children

(name of laboratory/nom du laboratoire)

555 University Avenue, Toronto

(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: The Hospital For Sick Children

Owner(s) of laboratory
Propriétaire(s) du laboratoire: The Hospital For Sick Children

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 30 2026

Expiry Date
Date d'expiration: Oct 29 2028

Licence Number
Numéro du permis: 4159

Approved by the Director of Laboratory and Specimen Collection Centre Licensing

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

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U721 PGLN - Whole Genome Sequencing (WGS) and U722 PGLN - Whole Genome Sequencing (WGS) Interpretation
• The owner or the operator of the laboratory has entered into an agreement with Ontario Health respecting conditions related to the participation of the laboratory in the Provincial Genetics Laboratory Network program.

U970 COVID-19 (SARS-CoV-2):
• 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.

Test Class / Classes de tests	**Sub Class / Sous-classe**	**Test Code / Codes de tests**	**Test Name / Noms de tests**
Biochemistry			
	General Chemistry	L001	Acetone, qualitative*
	General Chemistry	L005	Albumin, quantitative*
	Toxicology	L006	Alcohol, ethyl - quantitative*
	Toxicology	L008	Alcohols, fractionation and quantification*
	General Chemistry	L013	Amino Acids - fractionation and quantitation*
	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

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Test Class / Classes de tests	Sub Class / Sous-classe	Test Code / Codes de tests	Test Name / Noms de tests
			methodology; e.g., tricyclic antidepressants*
	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	L044	Acid profile - organic (by GC-MS)*
	General Chemistry	L045	Calcium*
	General Chemistry	L046	Calcium ionized*
	General Chemistry	L053	Chloride*
	General Chemistry	L054	Chloride (sweat)*
	General Chemistry	L055	Cholesterol, total*
	Toxicology	L059	Acetaminophen*
	General Chemistry	L060	Carboxyhemoglobin*
	General Chemistry	L061	CO2 Content, CO2 combining power, bicarbonate (measured not calculated)*
	General Chemistry	L065	Creatine (includes creatinine)*
	General Chemistry	L066	Creatine Phosphokinase*
	General Chemistry	L067	Creatinine*
	General Chemistry	L068	Creatinine clearance*
	Toxicology	L073	Target drug testing, urine, qualitative or quantitative*

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	Toxicology	L078	Drugs of abuse screen, urine*
	Toxicology	L079	Broad spectrum toxicology screen, urine - includes confirmatory testing*
	General Chemistry	L092	Ethosuximide, quantitative (Zarontin)*
	General Chemistry	L093	Glycosylated hemoglobin - Hgb A1*
	General Chemistry	L099	Fatty acids, free*
	General Chemistry	L101	Homovanillic acid (homovanillate), HVA*
	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	L113	Galactose-1-phosphate uridyl transferase (screening)*
	General Chemistry	L115	Glycoproteins*
	General Chemistry	L117	High density lipoprotein cholesterol*
	General Chemistry	L119	Hexosaminidase A*
	General Chemistry	L139	Iron, total - with iron binding capacity and percent saturation*
	General Chemistry	L143	Intestinal enzymes - quantitative*
	General Chemistry	L145	Lactic acid (lactate)*
	General Chemistry	L146	Lactic dehydrogenase (L.D.H.), total*
	General Chemistry	L150	Lipase*

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	Therapeutic Drug Monitoring	L157	Lithium*
	Therapeutic Drug Monitoring	L160	Methotrexate (amethopterin)*
	General Chemistry	L161	N-acetylprocainamide*
	General Chemistry	L165	Magnesium*
	General Chemistry	L172	Methemoglobin*
	General Chemistry	L173	Mucopolysaccharides - U*
	General Chemistry	L181	Occult blood*
	General Chemistry	L183	Osmolality (osmolarity)*
	General Chemistry	L184	Oxalic acid (oxalate) - U*
	General Chemistry	L189	Phenylalanine*
	General Chemistry	L191	Phosphatase, alkaline*
	General Chemistry	L194	Phosphorus (inorganic phosphate)*
	General Chemistry	L196	Plasma hemoglobin*
	General Chemistry	L204	Potassium*
	General Chemistry	L208	Protein, total*
	General Chemistry	L210	Pyruvic acid (pyruvate)*
	Therapeutic Drug Monitoring	L211	Primidone, quantitative (Mysoline)*
	Therapeutic Drug Monitoring	L212	Procainamide*
	Toxicology	L221	Salicylate, quantitative*

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	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	L260	Vitamin A*
	General Chemistry	L261	VMA, vanillylmandelic acid (vanillylmandelate)*
	General Chemistry	L299	Biochemical assays not included above*
	Immunoassays	L303	Cortisol*
	Immunoassays	L304	Aminoglycosides (e.g. gentamicin, tobramycin)*
	Immunoassays	L305	Androstenedione*
	Immunoassays	L306	Digoxin*
	Immunoassays	L308	Serum folate
	Immunoassays	L309	RBC (red blood cell) folate, to include hematocrit
	Immunoassays	L310	Estradiol*

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	Immunoassays	L315	FSH (pituitary gonadotrophins)*
	Immunoassays	L317	Growth hormone*
	Immunoassays	L318	HCG (human chorionic gonadotrophins)*
	Immunoassays	L321	Aminophylline (theophylline)*
	Immunoassays	L322	Anti-DNA*
	Immunoassays	L324	Diphenylhydantoin (phenytoin), quantitative (dilantin)*
	Immunoassays	L325	Insulin*
	Immunoassays	L328	LH (luteinizing hormone)*
	Immunoassays	L329	Ferritin*
	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	L336	T-3, total (triiodothyronine)*
	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*

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	Immunoassays	L347	Dehydroepiandrosterone sulphate (DHEAS)*
	Immunoassays	L585	Ligand assays - not included above*
	Immunoassays	L588	1,25 dihydroxy Vitamin D
	Immunoassays	L606	25 hydroxy Vitamin D*
	Therapeutic Drug Monitoring	L620	Antibiotic level, serum
	Immunoassays	L691	Alpha-fetoprotein*
	Therapeutic Drug Monitoring	U048	FK 506 (Tacrolimus)
	General Chemistry	U116	Troponin
	General Chemistry	U154	Homocysteine
	General Chemistry	U163	Vitamin E
	General Chemistry	U187	11 - Deoxycortisol
	General Chemistry	U204	Chylomicrons
	General Chemistry	U221	Intralipid
	General Chemistry	U225	Orotic acid
	General Chemistry	U234	Pyruvate Dehydrogenase, fibroblasts
	General Chemistry	U274	Carnitine, free and total
	General Chemistry	U300	Alpha-galactosidase (Fabry disease) leukocytes, fibroblasts, other
	General Chemistry	U301	Alpha-iduronidase (Hurler [MPS I] disease) leukocytes, fibroblasts, other
	General Chemistry	U302	Alpha-neuraminidase (Sialidosis) fibroblasts, other

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Test Class / Classes de tests	Sub Class / Sous-classe	Test Code / Codes de tests	Test Name / Noms de tests
	General Chemistry	U303	Arylsulfatase A (Metachromatic Leukodystrophy) leukocytes, fibroblasts, other
	General Chemistry	U304	Beta-galactosidase (GM1 gangliosidosis and Morquio B disease) leukocytes, fibroblasts, other
	General Chemistry	U305	Beta-glucosidase I(Gaucher disease) leukocytes, fibroblasts, other
	General Chemistry	U307	Galactocerebrosidase (Krabbe Leukodystrophy) leukocytes, fibroblasts, other
	General Chemistry	U308	Glycolipids in Urine
	General Chemistry	U309	Sphingomyelinase (Niemann-Pick A and B disease) leukocytes, fibroblasts, other
	General Chemistry	U310	Sulfocysteine in Urine
	General Chemistry	U328	Alpha-N-Acetylgalactosaminidase (Schindler disease) leukocytes, fibroblasts, otherWBC
	General Chemistry	U329	Alpha-N-Acetylglucosaminidase (Sanfilippo B [MPS IIIB] disease leukocytes, fibroblasts, other
	General Chemistry	U330	Acid Lipase (Wolman disease/Cholesterol ester storage disease) leukocytes, fibroblasts, other
	General Chemistry	U331	Alpha-fucosidase (Fucosidosis) leukocytes, fibroblasts, other
	General Chemistry	U332	Alpha- glucosidase (Pompe disease) leukocytes, fibroblasts, other
	General Chemistry	U334	Alpha-mannosidase (Alpha mannosidosis) leukocytes, fibroblasts, other

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Test Class / Classes de tests	Sub Class / Sous-classe	Test Code / Codes de tests	Test Name / Noms de tests
	General Chemistry	U335	Beta-mannosidase (Beta-mannosidosis) leukocytes
	General Chemistry	U337	Oligosaccharides in urine
	Therapeutic Drug Monitoring	U371	Sirolimus (Rapamycin)
	General Chemistry	U402	Limulus Amoebocyte Lysate (LAL) - Endotoxin Assay
	General Chemistry	U405	Cystatin C
	General Chemistry	U429	Lactose Intolerance - Methane and Hydrogen
	General Chemistry	U431	Mycophenolic Acid
	General Chemistry	U432	Natriuretic Peptide - Brain (BNP)
	General Chemistry	U461	Arylsulfatase B (Maroteaux-Lamy [MPS VI] disease) leukocytes, fibroblasts, other
	General Chemistry	U594	Beta-glucuronidase ((Sly [MPS VII] disease) leukocytes, fibroblasts, other
	General Chemistry	U596	Iduronate Sulfatase (Hunter disease) plasma, leukocytes, fibroblasts, other
	General Chemistry	U597	Sulfatides in Urine
	General Chemistry	U653	Galactosamine-6-sulphatase (Morquio [MPS IVA] disease) leukocytes, fibroblasts, others
	General Chemistry	U654	Heparan N-sulphatase (Sanfilippo A [MPS IIIA] disease) leukocytes, fibroblasts, other
	General Chemistry	U666	Beta Hexosaminidase B (Sandhoff disease) leukocyes, fibroblasts, other

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Test Class / Classes de tests	Sub Class / Sous-classe	Test Code / Codes de tests	Test Name / Noms de tests
	General Chemistry	U668	Acetyl-CoA:alpha-glucosaminide acetyltransferase (Sanfilippo C [MPS IIIC] disease leukocytes, fibroblasts
	General Chemistry	U676	Biotinidase
	General Chemistry	U678	Tyrosine
	General Chemistry	U680	Beta Hydroxybutyrate
	General Chemistry	U681	Respiratory Chain Disorder (Complex I + III), muscle, fibroblast, liver
	General Chemistry	U682	Respiratory Chain Disorder (Complex II + III), muscle, fibroblast, liver
	General Chemistry	U683	Respiratory Chain Disorder (Complex IV), muscle, fibroblast, liver
	General Chemistry	U685	Urine Sulfite Excretion
	Toxicology	U686	Nitroprusside
	General Chemistry	U687	Pyruvate Carboxylase, fibroblast
	General Chemistry	U688	Phosphoenolpyruvate Carboxykinase
	Immunoassays	U792	25 hydroxy Vitamin D
	General Chemistry	U866	Corticosterone
	General Chemistry	U867	21- hydroxyprogesterone/deoxycorticosterone
	General Chemistry	U880	Carbohydrate deficient transferrin (CDT)
	General Chemistry	U881	Guanidinoacetate
	Immunoassays	U967	Procalcitonin
	General Chemistry	U971	Calprotectin (faeces)

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	Immunoassays	U975	Tumor Necrosis Factor alpha (TNF-a)
	Immunoassays	U976	Interferon gamma (IFN-g)
	Immunoassays	U977	Interleukin 6 (IL-6)
	Immunoassays	U978	Interleukin 10 (IL-10)
	Immunoassays	U979	Interleukin 18 (IL-18)
	Immunoassays	U980	Interleukin 1 beta (IL-1b)
	Immunoassays	U981	CXCL9
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)*
		L715	Smear for eosinophils (nasal, sputum, ocular, etc.)*
		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*

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		L686	Leukocyte phenotyping by monoclonal antibodies - each additional antibody, to a maximum of 20 antibodies*
Genetics			
	Molecular Genetics	P006	Genetics - Hearing Loss Disorders Panel 1: Common and Non-Syndromic HL genes
	Molecular Genetics	P007	Genetics - Hearing Loss Disorders Panel 2: Syndromic HL: Usher
	Molecular Genetics	P008	Genetics - Hearing Loss Disorders Panel 3: Syndromic HL: Stickler
	Molecular Genetics	P009	Genetics - Hearing Loss Disorders Panel 4: Syndromic HL: Treacher Collins, Waardenburg, Norrie, Alport
	Molecular Genetics	P010	Genetics - Connective Tissue Disorders Panel 1: Ehlers Danlos Syndrome
	Molecular Genetics	P011	Genetics - Connective Tissue Disorders Panel 2: Osteogenesis Imperfecta (IO)
	Molecular Genetics	P012	Genetics - Connective Tissue Disorders Panel 3: Osteoporosis and disorders of increased bone density
	Molecular Genetics	P013	Genetics - Connective Tissue Disorders Panel 4: Connective tissue disorders with bone involvement panel, Sickler Syndrome*Congenital Contractural Arachnodactyly (Beal)*Marshall Syndrome*Multiple Epiphyseal Dysplasia*Spondyloepiphyseal

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			Dysplasia*Skeletal Dysplasia
	Molecular Genetics	P014	Genetics - Noonan Spectrum Disorder Panel
	Molecular Genetics	P015	Genetics - Autoinflammatory Diseases Panel
	Molecular Genetics	P016	Genetics - Renal Disease Panel 1: Focal Segmental Glomerulonephritis Syndrome (FSGS) and membranous nephropathies
	Molecular Genetics	P017	Genetics - Renal Disease Panel 2: atypical Hemolytic Uremic Syndrome / C3 glomerulonephritis (aHUS/C3G)
	Molecular Genetics	P018	Genetics - Renal Disease Panel 3: Other Proteinurias
	Molecular Genetics	P019	Genetics - Renal Disease Panel 4: Nephronophthisis
	Molecular Genetics	P020	Genetics - Neurofibromatosis (NF1) Panel
	Molecular Genetics	P048	Genetics - Medulloblastoma Subtyping (Gene Expression Panel)
	Molecular Genetics	P050	Genetics - Sarcoma Panel (Fusion Transcripts)
	Molecular Genetics	P051	Genetics - Glioma Fusion Transcripts
	Molecular Genetics	P071	Genetics - NGS-Oncology Genome Panel
	Molecular Genetics	P073	Genetics - Hereditary Cancer Testing (HCT) Panel
	Molecular Genetics	P079	Genetics - Illumina NGS TruSight RNA Pan-Cancer Panel
	Molecular Genetics	P086	Genetics - DNA Methylation Analysis – Sarcoma
	Molecular Genetics	P087	Genetics - DNA Methylation Analysis – Central

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			Nervous System
	Molecular Genetics	P088	Genetics - Comprehensive Spastic Paraplegia Panel
	Molecular Genetics	U068	Genetics - Achondroplasia (FGFR3 gene)
	Molecular Genetics	U069	Genetics - Angelman Syndrome (ANCR analysis)
	Molecular Genetics	U071	Genetics - Cystic Fibrosis (CFTR gene)
	Molecular Genetics	U073	Genetics - Fragile X A (FRAXA) (FMR1 gene)
	Molecular Genetics	U074	Genetics - Fragile X E (FRAXE) (FMR2 gene)
	Molecular Genetics	U078	Genetics - Prader-Willi Syndrome (PWCR gene)
	Molecular Genetics	U215	Genetics - Chronic Myelogenous Leukemia (BCR-ABL)
	Molecular Genetics	U228	Genetics - Duchenne/Becker Muscular Dystrophy (DMD/BMD gene dosage)
	Molecular Genetics	U231	Genetics - Spinal Muscular Atrophy (SMA) (SMN1 gene)
	Molecular Genetics	U232	Genetics - Spinal and Bulbar Muscular Atrophy (SBMA) (AR gene)
	Molecular Genetics	U235	Genetics - Familial Dysautonomia (IKBKAP gene)
	Molecular Genetics	U240	Genetics - Hypochondroplasia (FGFR3 gene)
	Molecular Genetics	U242	Genetics - Craniosynostosis (FGFR1 gene)
	Molecular Genetics	U243	Genetics - Craniosynostosis (FGFR2 gene)
	Molecular Genetics	U245	Genetics - Craniosynostosis (Twist gene)
	Molecular Genetics	U248	Genetics - DNA/RNA banking

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	Molecular Genetics	U250	Genetics - Non Hodgkins Lymphoma (T cell clonality)
	Molecular Genetics	U251	Genetics - Non Hodgkins Lymphoma (B cell clonality)
	Molecular Genetics	U293	Genetics - Canavan Disease (ASPA gene)
	Molecular Genetics	U295	Genetics - Tay-Sachs Disease (HEXA gene)
	Molecular Genetics	U296	Genetics - Thanatophoric dysplasia (type I & II) (FGFR3 gene)
	Molecular Genetics	U323	Genetics - Fabry Disease (GLA gene)
	Molecular Genetics	U352	Genetics - Digital Droplet PCR Mutation Testing
	Molecular Genetics	U357	Genetics - Beckwith-Wiedemann Syndrome (UPD11 STR analysis)
	Molecular Genetics	U401	Genetics - Hereditary Thrombosis (Methylene Tetrahydrofolate Reductase (MTHFR gene)
	Molecular Genetics	U469	Genetics - Beckwith-Wiedemann (CDKN1C gene)
	Molecular Genetics	U472	Genetics - Beckwith-Wiedemann/Russell Silver (KVDMR methylation/dosage)
	Molecular Genetics	U477	Genetics - Beckwith-Wiedemann/Russell Silver (H19 methylation/dosage)
	Molecular Genetics	U480	Genetics - Bloom Syndrome (RECQ3 gene)
	Molecular Genetics	U488	Genetics - Congenital Muscular Dystrophy (POMT1 gene)
	Molecular Genetics	U489	Genetics - Congenital Muscular Dystrophy (POMT2 gene)

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	Molecular Genetics	U490	Genetics - Congenital Muscular Dystrophy (POMGnT1 gene)
	Molecular Genetics	U491	Genetics - Congenital Muscular Dystrophy (FKRP gene)
	Molecular Genetics	U495	Genetics - Cystic Fibrosis (CFTR gene dosage analysis)
	Molecular Genetics	U496	Genetics - Cystic Fibrosis (CFTR whole gene sequencing)
	Molecular Genetics	U502	Genetics - Deafness, Congenital non-syndromic (GJB3 gene)
	Molecular Genetics	U503	Genetics - Hereditary Hemorrhagic Telangiectasia (ACVRL1 gene)
	Molecular Genetics	U511	Genetics - Duchenne/Becker Muscular Dystrophy (DMD/BMD whole gene sequencing)
	Molecular Genetics	U516	Genetics - Li-Fraumeni Syndrome (TP53 gene)
	Molecular Genetics	U520	Genetics - Fanconi Anemia (FANCC gene analysis)
	Molecular Genetics	U523	Genetics - Hereditary Hemorrhagic Telangiectasia (SMAD4 gene analysis)
	Molecular Genetics	U536	Genetics - Deafness, Congenital non-syndromic (GJB6 gene)
	Molecular Genetics	U539	Genetics - Mucolipidosis Type 4 (MCOLN1 gene analysis))
	Molecular Genetics	U540	Genetics - Neimann Pick Disease Type A&B (SPMD1 gene)

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	Molecular Genetics	U542	Genetics - Simpson-Golabi-Behmel Syndrome (GCP4 gene)
	Molecular Genetics	U546	Genetics - Acute Lymphoblastic Leukemia (B cell clonality)
	Molecular Genetics	U548	Genetics - Acute Lymphoblastic Leukemia (TPMT)
	Molecular Genetics	U556	Genetics - Hereditary Hemorrhagic Telangiectasia (ENG gene)
	Molecular Genetics	U576	Genetics - Russell Silver Syndrome (UPD Chromosome 7 analysis)
	Molecular Genetics	U580	Genetics - Schwachman-Diamond Syndrome (SBDS gene)
	Molecular Genetics	U581	Genetics - Simpson-Golabi-Behmel Syndrome (GCP3 gene)
	Molecular Genetics	U605	Genetics - Bone Marrow Transplant (BMT) - monitoring, identity, zygosity, paternity
	Molecular Genetics	U611	Genetics - Rare Familial Mutations
	Molecular Genetics	U612	Genetics - X Inactivation Analysis
	Molecular Genetics	U613	Genetics - Uniparental Disomy (UPD) chromosome analysis
	Molecular Genetics	U616	Genetics - Craniosynostosis (FGFR3 gene)
	Molecular Genetics	U618	Genetics - Acute Lymphoblastic Leukemia (BCR-ABL)
	Molecular Genetics	U619	Genetics - Acute Lymphoblastic Leukemia (MLL)
	Molecular Genetics	U620	Genetics - Acute Lymphoblastic Leukemia (PBX1-

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	Molecular Genetics	U623	Genetics - Acute Lymphoblastic Leukemia (T-cell clonality)
	Molecular Genetics	U625	Genetics - Acute Myeloid Leukemia (BCR-ABL)
	Molecular Genetics	U627	Genetics - Acute Myeloid Leukemia (FLT 3 gene)
	Molecular Genetics	U629	Genetics - Acute Myeloid Leukemia (PML-RARA)
	Molecular Genetics	U632	Genetics - Non-Hodgkins Lymphoma (NPM1-ALK gene)
	Molecular Genetics	U697	Genetics - 22q11 Deletion Syndrome (DGCR gene)
	Molecular Genetics	U721	PGLN - Whole Genome Sequencing (WGS)
	Molecular Genetics	U722	PGLN - Whole Genome Sequencing (WGS) Interpretation
	Molecular Genetics	U732	Genetics - Transcriptome Sequencing-Rare Genetic Disorders
	Molecular Genetics	U733	Genetics - Transcriptome Sequencing-Comprehensive Fusion Testing in Cancers
	Molecular Genetics	U734	Genetics - MPD (PV, ET, MF) (JAK2) gene
	Cytogenetics	U736	Constitutional Chromosome Analysis, Routine GTG banding (Blood)
	Cytogenetics	U737	Constitutional Chromosome Analysis, Routine GTG banding (Amniotic Fluid, CVS and Tissue)
	Cytogenetics	U738	Constitutional FISH test (Blood, Amniotic Fluid, CVS, Tissue)

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	Cytogenetics	U739	Constitutional FISH Panel (Blood, Amniotic Fluid, CVS, Tissue)
	Cytogenetics	U740	Oncology Chromosome Analysis, Routine G-banding (Blood, Bone Marrow)
	Cytogenetics	U741	Oncology Chromosome Analysis, Routine G-banding (Tumour)
	Cytogenetics	U742	Oncology FISH test (Blood, Bone Marrow, Tumour)
	Cytogenetics	U743	Oncology FISH Panel (Blood, Bone Marrow, Tumour)
	Cytogenetics	U744	Instability Syndromes (Blood)
	Molecular Genetics	U747	Genetics - Congenital Muscular Dystrophy (FCMD gene)
	Molecular Genetics	U754	Genetics - Duchenne/Becker Muscular Dystrophy (DMD gene mRNA analysis)
	Molecular Genetics	U755	Genetics - Fabry Disease (GLA gene dosage analysis)
	Molecular Genetics	U756	Genetics - Fabry Disease (GLA gene mRNA analysis)
	Cytogenetics	U763	Genetics - Microarray-constitutional, whole genome
	Cytogenetics	U764	Genetics - Microarray-constitutional, locus specific
	Molecular Genetics	U771	Genetics - Duchenne/Becker Muscular Dystrophy (Familial Mutation)

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	Molecular Genetics	U772	Genetics - Fabry Disease (Familial Mutation)
	Molecular Genetics	U778	Genetics - Hereditary Hemorrhagic Telangiectasia (Familial Mutation)
	Molecular Genetics	U782	Genetics - Li-Fraumeni Syndrome (Familial Mutation)
	Molecular Genetics	U788	Genetics - Schwachman-Diamond Syndrome (Familial Mutation)
	Molecular Genetics	U789	Genetics - Simpson-Golabi-Behmel Syndrome (Familial Mutation)
	Molecular Genetics	U793	Genetics - AHUS/MPGNII (CD46 gene)
	Molecular Genetics	U794	Genetics - AHUS/MPGNII (CFB gene)
	Molecular Genetics	U795	Genetics - AHUS/MPGNII (CFH gene)
	Molecular Genetics	U796	Genetics - AHUS/MPGNII (CFHR5 gene)
	Molecular Genetics	U797	Genetics - AHUS/MPGNII (CFI gene)
	Molecular Genetics	U798	Genetics - AHUS/MPGNII (THBD gene)
	Molecular Genetics	U799	Genetics - AHUS/MPGNII (C3 gene)
	Molecular Genetics	U800	Genetics - AHUS/MPGNII (APLN gene)
	Molecular Genetics	U801	Genetics - AHUS/MPGNII (Familial mutation)
	Molecular Genetics	U818	Genetics – Spastic Paraplegia (Familial mutation)
	Molecular Genetics	U822	Genetics - Focal Segmental Glomerulosclerosis (ACTN4 gene)
	Molecular Genetics	U823	Genetics - Focal Segmental Glomerulosclerosis (CD2AP gene)

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	Molecular Genetics	U824	Genetics - Focal Segmental Glomerulosclerosis (NPHS1 gene)
	Molecular Genetics	U825	Genetics - Focal Segmental Glomerulosclerosis (NPHS2 gene)
	Molecular Genetics	U826	Genetics - Focal Segmental Glomerulosclerosis (TRPC6 gene)
	Molecular Genetics	U827	Genetics - Focal Segmental Glomerulosclerosis (Familial mutation)
	Molecular Genetics	U829	Genetics - Cystic Fibrosis (Familial mutation)
	Molecular Genetics	U831	Genetics - Craniosynostosis (gene dosage)
	Molecular Genetics	U833	Genetics - Hereditary Hemorrhagic Telangiectasia (gene dosage)
	Molecular Genetics	U834	Genetics - Li-Fraumeni Syndrome (gene dosage)
	Molecular Genetics	U836	Genetics - Simpson-Golabi-Behmel Syndrome (GCP gene dosage)
	Molecular Genetics	U837	Genetics - Angelman/Prader Willi Syndrome (UPD analysis)
	Molecular Genetics	U838	Genetics - Congenital Muscular Dystrophy (Familial mutation)
	Molecular Genetics	U840	Genetics - Deafness, Congenital non-syndromic (gene dosage)
	Molecular Genetics	U852	Genetics - Mitochondrial Disorders (MtDNA genes)
	Molecular Genetics	U863	Genetics - Carcinoma/Melanoma/Astrocytoma; BRAF mutations/translocations

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	Molecular Genetics	U934	Genetics - Whole Exome Sequencing (WES)
	Molecular Genetics	U935	Genetics - Whole Genome Sequencing (WGS)
	Molecular Genetics	U988	Genetics - Nudix hydrolase 15 (NUDT15 gene)
Hematology			
	Coagulation	L370	Assay of Factors II, V, VII, VIII, IX, X, XI, and XII*
	Coagulation	L373	Antithrombin III assay*
	General Hematology	L375	Blood film - special stain*
	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	L403	Factor XIII (urea solubility test)*
	Coagulation	L405	Fibrin split products, quantitative*
	General Hematology	L415	Haptoglobin*
	General Hematology	L416	Heinz bodies*
	General Hematology	L419	Hemoglobin electrophoresis to include Hb A2 fraction*
	General Hematology	L420	Hemoglobin, foetal*

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	General Hematology	L421	Hemoglobins, unstable*
		L423	Hemolysins - cold (Donath-Landsteiner)*
	General Hematology	L424	Hemosiderin in urine*
	Coagulation	L425	Heparin assay*
	Coagulation	L436	Platelet (thrombocyte) function - aggregation*
		L439	Preparation of cryoprecipitate*
		L440	Preparation of platelet (thrombocyte) concentrates*
		L441	Preparation of washed red cells*
	Coagulation	L445	Prothrombin time*
	General Hematology	L451	Sedimentation rate*
	General Hematology	L453	Sickle cell solubility test (screen)*
	General Hematology	L455	Special stains for acute leukemia*
	Coagulation	L460	Thrombin time*
	Coagulation	L462	Partial thromboplastin time*
	Coagulation	U002	APC Resistance (Active Protein C Resistance)
	Coagulation	U056	Heparin Induced Thrombocytopenia (HIT)
	Coagulation	U098	Protein C
	Coagulation	U100	Protein S
	Coagulation	U189	Factor Inhibitors (Bethesda Units)
	Coagulation	U314	Factor V Leiden (F5 gene)
	Coagulation	U321	Prothrombin Gene 20210A Mutation/Variant (F2 gene)

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	Coagulation	U446	von Willebrand factor (vWf) - Cleaving Protease (ADAMTS-13) Activity
	Coagulation	U670	von Willebrand Factor - Antigen Assay (VWF:ag)
Histopathology			
		L717	Electron microscopy*
		L720	Surgical pathology*
		L721	Operative consultation - with or without frozen section*
		L722	Operative consultation - for each specimen over 3*
		L726	Analytical electron microscopy-elemental detection, mapping/electron diffraction, per specimen*
		L728	Histochemistry of muscle - 1 to 3 enzymes*
		L729	Histochemistry of muscle - each additional enzyme, per label
		L730	Morphometry e.g. muscle fibre, nerve fascicles, cells*
		L731	Immunoperoxidase technique - per label*
Immunohematology			
		L471	Antibody identification - per specimen*
		L481	Antibody titre per antibody, per specimen*
		L482	Antibody screening*
		L490	Blood Group - ABO and RhD*

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		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	L501	Agglutination Reaction - Titre - serial tube, single antigen*
	General Immunology	L529	Cellular Assays - Naturally occurring cell cytotoxicity*
	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	L544	Fluorescent Antibody Tests (Immunofluorescent Studies), Tests for serum antibodies to tissue and cell components - antinuclear*
	General Immunology	L545	Fluorescent Antibody Tests (Immunofluorescent Studies), Protein deposition in tissues, (per tissue examined, any number of antisera, e.g. immunoglobulin, complement component, fibrinogen, and pathogens, etc.)*

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	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	L555	Miscellaneous proteins - Alpha 1 antitrypsin*
	General Immunology	L655	Pregnancy test*
	Microbial Immunology	L659	Antistreptolysin O, or anti-DNase-B, titre or micro-technique*
	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	L683	Non-cultural indirect antibody or antigen assays by fluorescence, agglutination or ELISA techniques*
	General Immunology	U011	ANCA - C
	General Immunology	U012	ANCA - P
	General Immunology	U015	Anti - Cardiolipin Antibody

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	General Immunology	U110	Insulin-Like Growth Factor 1 (IGF 1, Somatomedin C)
	General Immunology	U203	Endomysial Antibody
	General Immunology	U372	Tissue Transglutaminase
	Microbial Immunology	U448	West Nile Virus - for diagnostic purposes only
	General Immunology	U956	Interferon-Gamma Release Assay
Microbiology			
	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)*
	Mycology	L626	Cultures - fungus, including KOH preparation 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	L631	Cultures - tuberculosis, including ZN or fluorescent smear*
	Bacteriology	L634	Cultures - urine calibrated volume to include plate, turbidimetric or photometric techniques*
	Bacteriology	L636	Streptococcus grouping, Lancefield or equivalent with extractions*

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	Virology	L637	Virus isolation*
	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	L656	Penicillinase production*
	Virology	U970	COVID-19 (SARS-CoV-2)
	Virology	U985	COVID-19 (SARS-CoV-2)- Variant of Concern Screen (N501Y S Gene Mutation)
	Virology	U986	COVID-19 (SARS-CoV-2)- Variant of Concern Genomics

Approved Specimen Collection / Prélèvement d'échantillons approuvé

Specimen Type / Types de prélèvement
Blood
Breath
Fluid/Discharge/Swab
Stool
Tissue
Urine