

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      |   |  |

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<br>Exploitant(s) du laboratoire | <u>The Hospital For Sick Children</u> |
| Owner(s) of laboratory<br>Propriétaire(s) du laboratoire  | <u>The Hospital For Sick Children</u> |

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, 2022

Expiry Date  
Date d'expiration Oct 29, 2024

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

**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:

Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

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Date d'émission September 29, 2022

| Test Class /<br>Classes de tests | Sub Class /<br>Sous-classe  | Test Code /<br>Codes de<br>tests | Test Name /<br>Noms de tests  |
|----------------------------------|-----------------------------|----------------------------------|---|
| Biochemistry                     |                             |                                  |   |
|                                  | 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           | 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 methodology; e.g., tricyclic antidepressants* |
|                                  | General Chemistry           | L030                             | Bilirubin, total*   |
|                                  | General Chemistry           | L031                             | Bilirubin, conjugated*  |
|                                  | General Chemistry           | L034                             | pH*   |
|                                  | General Chemistry           | L035                             | pCO <sub>2</sub> , pO <sub>2</sub> 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                | L049                        | Carotene*                        |   |



**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 | L053  | Chloride*  |
|                   | 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 | L065  | Creatine (includes creatinine)*  |
|                   | 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 | L092  | Ethosuximide, quantitative (Zarontin)*                                   |
|                   | General Chemistry | L093  | Glycosylated hemoglobin - Hgb A1*  |
|                   | General Chemistry | L095  | Fat, total - F*  |
|                   | 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)* |  |

**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           | 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*  |
|                   | 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           | L180                   | 5' - Nucleotidase*   |
|                   | 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* |  |



**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: 4159  
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| Biochemistry                | 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*  |
|                             | 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           | L260                | Vitamin A*   |
|                             | General Chemistry           | L261                | VMA, vanillylmandelic acid (vanillylmandelate)*  |
|                             | General Chemistry           | L299                | Biochemical assays not included above*   |
| Therapeutic Drug Monitoring | U048                        | FK 506 (Tacrolimus) |  |



**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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| Biochemistry      | General Chemistry | U116  | Troponin   |
|                   | General Chemistry | U154  | Homocysteine   |
|                   | General Chemistry | U163  | Vitamin E  |
|                   | General Chemistry | U187  | 11 - Deoxycortisol   |
|                   | General Chemistry | U188  | 2,4 Dinitrophenylhydrazine (2,4 DNPH) Screen   |
|                   | 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  |
|                   | 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 |  |



**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  
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permis de laboratoire**

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|-------------------|-----------------------------|-------------|--|
| Biochemistry      | 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                                      |
|                   | 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           | 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) leukocytes, fibroblasts, other                                    |
|                   | General Chemistry           | U668        | Acetyl-CoA:alpha-glucosaminide acetyltransferase (Sanfilippo C [MPS IIIC] disease) leukocytes, fibroblasts |
| General Chemistry | U676                        | Biotinidase |  |



**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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|--------------|-------------------|-------------------------------|--|
| Biochemistry | 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  |
|              | General Chemistry | U686                          | Nitroprusside  |
|              | General Chemistry | U687                          | Pyruvate Carboxylase, fibroblast   |
|              | General Chemistry | U688                          | Phosphoenolpyruvate Carboxykinase  |
|              | General Chemistry | U866                          | Corticosterone   |
|              | General Chemistry | U867                          | 21- hydroxyprogesterone/deoxycorticosterone                              |
|              | General Chemistry | U880                          | Carbohydrate deficient transferrin (CDT)                                 |
|              | General Chemistry | U881                          | Guanidinoacetate   |
|              | 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*   |
|              | Immunoassays      | L315                          | FSH (pituitary gonadotrophins)*  |
|              | Immunoassays      | L317                          | Growth hormone*  |
|              | Immunoassays      | L318                          | HCG (human chorionic gonadotrophins)*                                    |
| Immunoassays | L321              | Aminophylline (theophylline)* |  |





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      | 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*  |
|              | Immunoassays      | L347                                | Dehydroepiandrosterone sulphate (DHEAS)*                |
|              | Immunoassays      | L588                                | 1,25 dihydroxy Vitamin D                                |
|              | Immunoassays      | L606                                | 25 hydroxy Vitamin D*                                   |
|              | Immunoassays      | L691                                | Alpha-fetoprotein*                                      |
|              | Immunoassays      | U792                                | 25 hydroxy Vitamin D                                    |
|              | Immunoassays      | U967                                | Procalcitonin   |
|              | General Chemistry | U971                                | Calprotectin (faeces)                                   |
|              | Immunoassays      | U980                                | Interleukin 1 beta (IL-1b)                              |
|              | Immunoassays      | U981                                | CXCL9   |
| Immunoassays | U975              | Tumor Necrosis Factor alpha (TNF-a) |   |
| Immunoassays | U976              | Interferon gamma (IFN-g)            |   |



**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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| Biochemistry   | Immunoassays       | U977 | Interleukin 6 (IL-6)  |
|                | Immunoassays       | U978 | Interleukin 10 (IL-10)  |
|                | Immunoassays       | U979 | Interleukin 18 (IL-18)  |
| 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*  |
|                |                    | L686 | Leukocyte phenotyping by monoclonal antibodies - each additional antibody, to a maximum of 20 antibodies*                           |
| Genetics       | 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)   |
|                | 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)   |
|                | Cytogenetics       | U763 | Genetics - Microarray-constitutional, whole genome  |
|                | Cytogenetics       | U764 | Genetics - Microarray-constitutional, locus specific  |
|                | Molecular Genetics | P003 | Hereditary Spastic Paraplegia Panel 1: Autosomal Dominant   |



**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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|----------|--------------------|------|--|
| Genetics | Molecular Genetics | P004 | Hereditary Spastic Paraplegia Panel 2: Autosomal Recessive   |
|          | Molecular Genetics | P005 | Hereditary Spastic Paraplegia Panel 3: X-Linked  |
|          | Molecular Genetics | P006 | Hearing Loss Disorders Panel 1: Common and Non-Syndromic HL genes  |
|          | Molecular Genetics | P007 | Hearing Loss Disorders Panel 2: Syndromic HL: Usher  |
|          | Molecular Genetics | P008 | Hearing Loss Disorders Panel 3: Syndromic HL: Stickler   |
|          | Molecular Genetics | P009 | Hearing Loss Disorders Panel 4: Syndromic HL: Treacher Collins, Waardenburg, Norrie, Alport  |
|          | Molecular Genetics | P010 | Connective Tissue Disorders Panel 1: Ehlers Danlos Syndrome  |
|          | Molecular Genetics | P011 | Connective Tissue Disorders Panel 2: Osteogenesis Imperfecta (IO)  |
|          | Molecular Genetics | P012 | Connective Tissue Disorders Panel 3: Osteoporosis and disorders of increased bone density  |
|          | Molecular Genetics | P013 | Connective Tissue Disorders Panel 4: Connective tissue disorders with bone involvement panel, Sickler Syndrome*Congenital Contractural Arachnodactyly (Beal)*Marshall Syndrome*Multiple Epiphyseal Dysplasia*Spondyloepiphyseal Dysplasia*Skeletal Dysplasia |
|          | Molecular Genetics | P014 | Noonan Spectrum Disorder Panel   |
|          | Molecular Genetics | P015 | Autoinflammatory Diseases Panel  |
|          | Molecular Genetics | P016 | Renal Disease Panel 1: Focal Segmental Glomerulonephritis Syndrome (FSGS) and membranous nephropathies   |
|          | Molecular Genetics | P017 | Renal Disease Panel 2: atypical Hemolytic Uremic Syndrome / C3 glomerulonephritis (aHUS/C3G)   |
|          | Molecular Genetics | P018 | Renal Disease Panel 3: Other Proteinurias  |
|          | Molecular Genetics | P019 | Renal Disease Panel 4: Nephronophthisis  |
|          | Molecular Genetics | P020 | Neurofibromatosis (NF1) Panel  |
|          | Molecular Genetics | P048 | Medulloblastoma Subtyping (Gene Expression Panel)  |
|          | Molecular Genetics | P050 | Genetics - Sarcoma Panel (Fusion Transcripts)  |
|          | Molecular Genetics | U068 | Genetics - Achondroplasia (FGFR3 gene)   |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                    |                    |   |   |
|--------------------|--------------------|---|---|
| Genetics           | 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 | U239  | Genetics - Batten Disease (CLN7 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  |
|                    | 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) |   |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                    |                    |   |   |
|--------------------|--------------------|---|---|
| Genetics           | Molecular Genetics | U323  | Genetics - Fabry Disease (GLA gene)   |
|                    | Molecular Genetics | U349  | Genetics - Deafness, Congenital non-syndromic (GJB2 gene)                           |
|                    | Molecular Genetics | U350  | Genetics - Other Solid Tumours (Melanoma Sentinel Node tyrosinase)                  |
|                    | Molecular Genetics | U357  | Genetics - Beckwith-Wiedemann Syndrome (UPD11 STR analysis)                         |
|                    | Molecular Genetics | U401  | Genetics - Hereditary Thrombosis (Methylene Tetrahydrofolate Reductase (MTHFR gene) |
|                    | Molecular Genetics | U415  | Genetics - Gaucher Disease (GBA gene)   |
|                    | Molecular Genetics | U416  | Genetics - Hunter Disease (Syndrome) (IDS gene)                                     |
|                    | Molecular Genetics | U466  | Genetics - Batten Disease (CLN1 gene)   |
|                    | Molecular Genetics | U467  | Genetics - Batten Disease (CLN10 gene)  |
|                    | Molecular Genetics | U468  | Genetics - Batten Disease (recurrent mutations)                                     |
|                    | 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 | U485  | Genetics - Cherubism (SH3BP2 gene)  |
|                    | Molecular Genetics | U488  | Genetics - Congenital Muscular Dystrophy (POMT1 gene)                               |
|                    | Molecular Genetics | U489  | Genetics - Congenital Muscular Dystrophy (POMT2 gene)                               |
|                    | 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) |   |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                    |                    |  |   |
|--------------------|--------------------|--|---|
| Genetics           | Molecular Genetics | U498   | Genetics - Deafness, Branchio-Oto-Renal Syndrome (EYA1 gene)                  |
|                    | Molecular Genetics | U502   | Genetics - Deafness, Congenital non-syndromic (GJB3 gene)                     |
|                    | Molecular Genetics | U503   | Genetics - Hereditary Hemorrhagic Telangiectasia (ACVRL1 gene)                |
|                    | Molecular Genetics | U506   | Genetics - Deafness, Pendred Syndrome (SLC26A4 gene analysis)                 |
|                    | Molecular Genetics | U510   | Genetics - Dopamine beta-hydroxylase deficiency (DBH 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 | U530   | Genetics - Batten Disease (CLN2 gene)   |
|                    | Molecular Genetics | U531   | Genetics - Batten Disease (CLN3 gene)   |
|                    | Molecular Genetics | U532   | Genetics - Batten Disease (CLN5 gene)   |
|                    | Molecular Genetics | U533   | Genetics - Batten Disease (CLN6 gene)   |
|                    | Molecular Genetics | U534   | Genetics - Batten Disease - (CLN8 gene)                                       |
|                    | Molecular Genetics | U536   | Genetics - Deafness, Congenital non-syndromic (GJB6 gene)                     |
|                    | Molecular Genetics | U539   | Genetics - Mucopolysaccharidosis Type 4 (MCOLN1 gene analysis)                |
|                    | Molecular Genetics | U540   | Genetics - Neimann Pick Disease Type A&B (SPMD1 gene)                         |
|                    | Molecular Genetics | U542   | Genetics - Simpson-Golabi-Behmel Syndrome (GCP4 gene)                         |
|                    | Molecular Genetics | U545   | Genetics - Trismus-Pseudocamptodactyly (TRISM) (MYH8 gene)                    |
|                    | Molecular Genetics | U546   | Genetics - Acute Lymphoblastic Leukemia (B cell clonality)                    |
| Molecular Genetics | U548               | Genetics - Acute Lymphoblastic Leukemia (TPMT) |   |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                    |                    |   |   |
|--------------------|--------------------|---|---|
| Genetics           | Molecular Genetics | U556                                    | Genetics - Hereditary Hemorrhagic Telangiectasia (ENG gene)                         |
|                    | Molecular Genetics | U576                                    | Genetics - Russell Silver Syndrome (UPD Chromosome 7 analysis)                      |
|                    | Molecular Genetics | U578                                    | Genetics - Sarcoma, Ewings translocations   |
|                    | 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-E2A)                                  |
|                    | Molecular Genetics | U621                                    | Genetics - Acute Lymphoblastic Leukemia (TEL-AML, ETV6-AML1)                        |
|                    | Molecular Genetics | U622                                    | Genetics - Acute Lymphoblastic Leukemia (C-MYC gene)                                |
|                    | Molecular Genetics | U623                                    | Genetics - Acute Lymphoblastic Leukemia (T-cell clonality)                          |
|                    | Molecular Genetics | U624                                    | Genetics - Acute Myeloid Leukemia (AML1-ETO)  |
|                    | Molecular Genetics | U625                                    | Genetics - Acute Myeloid Leukemia (BCR-ABL)   |
|                    | Molecular Genetics | U626                                    | Genetics - Acute Myeloid Leukemia)(CBFB-MyH11)                                      |
|                    | Molecular Genetics | U627                                    | Genetics - Acute Myeloid Leukemia (FLT 3 gene)                                      |
| Molecular Genetics | U628               | Genetics - Acute Myeloid Leukemia (MLL) |   |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                    |                    |   |  |
|--------------------|--------------------|---|--|
| Genetics           | Molecular Genetics | U629  | Genetics - Acute Myeloid Leukemia (PML-RARA)                           |
|                    | Molecular Genetics | U632  | Genetics - Non-Hodgkins Lymphoma (NPM1-ALK gene)                       |
|                    | Molecular Genetics | U640  | Genetics - Sarcoma (PAX7/FKHR gene)                                    |
|                    | Molecular Genetics | U643  | Genetics - Sarcoma (ETV6/NTRK3 gene)                                   |
|                    | Molecular Genetics | U644  | Genetics - Sarcoma, Clear Cell   |
|                    | Molecular Genetics | U645  | Genetics - Sarcoma (PAX3/FKHR gene)                                    |
|                    | Molecular Genetics | U646  | Genetics - Sarcoma (SYT/SSXgene)                                       |
|                    | Molecular Genetics | U650  | Genetics - Other Solid Tumours (WT1 expression)                        |
|                    | Molecular Genetics | U697  | Genetics - 22q11 Deletion Syndrome (DGCR gene)                         |
|                    | Molecular Genetics | U734  | Genetics - MPD (PV, ET, MF) (JAK2) gene                                |
|                    | 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)                      |
|                    | Molecular Genetics | U757  | Genetics - Hunter Disease (IDS gene dosage analysis)                   |
|                    | Molecular Genetics | U758  | Genetics - Hunter Disease (IDS gene mRNA analysis)                     |
|                    | Molecular Genetics | U760  | Genetics - Carcinoma, BRD4-NUT Fusion (BRD4;NUT)                       |
|                    | Molecular Genetics | U762  | Genetics - Sarcoma, Low Grade Fibromyxoid (FUS-CREB3L2)                |
|                    | Molecular Genetics | U767  | Genetics - Deafness, Branchio-Oto-Renal Syndrome (Familial Mutation)   |
|                    | Molecular Genetics | U768  | Genetics - Deafness, Congenital non-syndromic (Familial Mutation)      |
| Molecular Genetics | U771               | Genetics - Duchenne/Becker Muscular Dystrophy (Familial Mutation) |  |





**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                    |                    |   |   |
|--------------------|--------------------|---|---|
| Genetics           | 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 | U802  | Genetics - Arrhythmogenic Right Ventricular Atrophy (DSC2 gene)         |
|                    | Molecular Genetics | U803  | Genetics - Arrhythmogenic Right Ventricular Atrophy (DSP gene)          |
|                    | Molecular Genetics | U804  | Genetics - Arrhythmogenic Right Ventricular Atrophy (DSG2 gene)         |
|                    | Molecular Genetics | U805  | Genetics - Arrhythmogenic Right Ventricular Atrophy (PKP2 gene)         |
|                    | Molecular Genetics | U806  | Genetics - Arrhythmogenic Right Ventricular Atrophy (TMEM43 gene)       |
|                    | Molecular Genetics | U807  | Genetics - Arrhythmogenic Right Ventricular Atrophy (Familial mutation) |
| Molecular Genetics | U808               | Genetics - Autosomal Recessive Spastic Paraplegia (CCT5 gene) |   |



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: 4159
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued September 29, 2022
Date d'émission

Table with 4 columns: Category, Test Name, Licence Number, and Description. Rows include Molecular Genetics tests for SACS, SPG11, SPG15, SPG20, SPG21, PNPLA6, CYP7B1, SPG7, SPG44, CHARGE Syndrome, Focal Segmental Glomerulosclerosis, and Sarcoma/ASPL-TFE3 fusion.



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued September 29, 2022  
Date d'émission

|                    |                    |   |  |
|--------------------|--------------------|---|--|
| Genetics           | Molecular Genetics | U830  | Genetics - Batten Disease (Familial mutations)   |
|                    | Molecular Genetics | U831  | Genetics - Craniosynostosis (gene dosage)  |
|                    | Molecular Genetics | U832  | Genetics - Deafness, Pendred Syndrome (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 | U839  | Genetics - Deafness, Branchio-Oto-Renal Syndrome (gene dosage)                           |
|                    | Molecular Genetics | U840  | Genetics - Deafness, Congenital non-syndromic (gene dosage)                              |
|                    | Molecular Genetics | U851  | Genetics - Sarcoma t(4;19) (CIC;DUX4 gene)   |
|                    | Molecular Genetics | U852  | Genetics - Mitochondrial Disorders (MtDNA genes)   |
|                    | Molecular Genetics | U863  | Genetics - Carcinoma/Melanoma/Astrocytoma; BRAF mutations/translocations                 |
|                    | Molecular Genetics | U875  | Genetics - Acute Myeloid Leukemia (MOZ-TIF2)   |
|                    | Molecular Genetics | U876  | Genetics - Familial Hemophagocytic Lymphohistiocytosis Type 4 or FHL4 (Syntaxin 11 gene) |
|                    | Molecular Genetics | U877  | Genetics - Acute Megakaryoblastic Leukemia (RBM15-MKL1)                                  |
|                    | Molecular Genetics | U878  | Genetics - Acute Lymphoblastic Leukemia (IL3-IgH)  |
|                    | Molecular Genetics | U879  | Genetics - Acute Myeloid Leukemia (DEK-CAN)  |
|                    | Molecular Genetics | P051  | Genetics - Glioma Fusion Transcripts   |
|                    | Molecular Genetics | P073  | Genetics - Hereditary Cancer Testing (HCT) Panel   |
| Molecular Genetics | U352               | Genetics - Digital Droplet PCR Mutation Testing |  |



**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:  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                    |                    |                        |  |
|--------------------|--------------------|------------------------|--|
| Genetics           | Molecular Genetics | P071                   | Genetics - NGS-Oncology Genome Panel                   |
|                    | Molecular Genetics | U934                   | Genetics - Whole Exome Sequencing (WES)                |
|                    | Molecular Genetics | U935                   | Genetics - Whole Genome Sequencing (WGS)               |
| 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 | L411                   | G-6-PD quantitative assay*                             |
|                    | General Hematology | L415                   | Haptoglobin*   |
|                    | General Hematology | L416                   | Heinz bodies*  |
|                    | General Hematology | L419                   | Hemoglobin electrophoresis to include Hb A2 fraction*  |
| General Hematology | L420               | Hemoglobin, foetal*    |  |
| General Hematology | L421               | Hemoglobins, unstable* |  |
|                    |                    | L423                   | Hemolysins - cold (Donath-Landsteiner)*                |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued September 29, 2022  
Date d'émission

|                |                    |  |  |
|----------------|--------------------|--|--|
| Hematology     | 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*  |
|                | Coagulation        | L447   | Reptilase time*  |
|                | General Hematology | L450   | Osmotic fragility*                                       |
|                | 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)       |  |
| Coagulation    | U446               | von Willebrand factor (vWf) - Cleaving Protease 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* |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                 |                    |      |   |
|-----------------|--------------------|------|---|
| Histopathology  |                    | 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*   |
| Immunoematology |                    | L471 | Antibody identification - per specimen*   |
|                 |                    | L481 | Antibody titre per antibody, per specimen*  |
|                 |                    | L482 | Antibody screening*   |
|                 |                    | L490 | Blood Group - ABO and RhD*  |
|                 |                    | L492 | Crossmatch per unit of blood*   |
|                 |                    | 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 | L524 | Cellular Assays - Lymphocyte activation (transformation) by isotope incorporation*  |
|                 | General Immunology | L529 | Cellular Assays - Naturally occurring cell cytotoxicity*  |
|                 | General Immunology | L530 | Complement-kinetic (activity) assays - Total hemolytic complement (CH50 non-kit)*   |
|                 | 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.)*     |



**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: 4159  
Tests dans les catégories de tests autorisés par le permis de laboratoire numéro 4159

Date issued  
Date d'émission September 29, 2022

|                      |                      |   |  |
|----------------------|----------------------|---|--|
| 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   | 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  |
|                      | General Immunology   | U110  | Insulin-Like Growth Factor 1 (IGF 1, Somatomedin C)  |
|                      | General Immunology   | U203  | Endomysial Antibody  |
|                      | General Immunology   | U372  | Tissue Transglutaminase  |
| Microbial Immunology | U447                 | West Nile Virus - for Transfusion and/or Transplant purposes only |  |



**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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|              |                      |  |  |
|--------------|----------------------|--|--|
| Immunology   | 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)* |
|              | 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         | L652   | Smear only, special stain, e.g. ZN, inclusions, spores, diphtheria*                                    |
|              | Bacteriology         | L653   | Wet preparation (for fungus, trichomonas, parasites)*  |
|              | Bacteriology         | L656   | Penicillinase production*  |
|              | Virology             | L637   | Virus isolation*   |
|              | Mycology             | L626   | Cultures - fungus, including KOH preparation and smear*  |
|              | Parasitology         | L650   | Parasites and ova (faeces concentration)*  |
|              | 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 |  |





**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*

**Annexe au  
permis de laboratoire**

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

| <b>Specimen Type / Types de prélèvement</b> |
|---|
| Blood                                       |
| Fluid/Discharge/Swab                        |
| Stool                                       |
| Tissue                                      |
| Urine                                       |