

## MEDICAL LABORATORY ACCREDITATION PROGRAM

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** Département clinique de médecine de laboratoire de l'Hôpital Charles-Le Moyne (Site Hôpital Pierre-Boucher)

**Contact name:** Geneviève Plante, Directrice clinico-administrative

**Address:** 1333, boul. Jacques-Cartier Est, Longueuil (Québec) J4M 2A5

**Telephone:** 450-928-6777, poste 13528

**Fax:** 450-679-6443

**Email:** [genevieve.optilab.plante.cisssmc16@ssss.gouv.qc.ca](mailto:genevieve.optilab.plante.cisssmc16@ssss.gouv.qc.ca)

<b>SCC File Number:</b>	151161
<b>Provider:</b>	BNQ-EL
<b>Provider File Number:</b>	56745-1
<b>Accreditation Standard(s):</b>	ISO 15189:2012, <i>Medical laboratories – Requirements for quality and competence</i>
<b>Program Specialty Area:</b>	Medical
<b>Initial Accreditation:</b>	2021-06-25
<b>Most Recent Accreditation:</b>	2023-07-04
<b>Accreditation Valid to:</b>	2025-06-25
<b>Medical Principal Disciplines:</b>	See below

*Remarque: La présente portée d'accréditation existe également en français, celle-ci est publiée séparément.  
 Note: This scope of accreditation is also available in French as a separately issued document.*

### SCC Group Accreditation:

This laboratory is a part of a Group Accreditation with the following facilities in accordance with SCC's policy on Group Accreditation documented in the Accreditation Services Accreditation Program Overview.

- Hôpital Charles-Le Moyne, 3120, boul. Taschereau, Longueuil (Québec) J4V 2H1 (N° CCN : 151159 / N° BNQ : 56743-1)
- Hôpital du Haut-Richelieu, 920 boulevard du Séminaire Nord, Saint-Jean-sur-Richelieu, (Québec) J3A 1B7, (N° CCN : 151160 / N° BNQ : 56744-1)
- Hôtel-Dieu de Sorel, 400, avenue de l'Hôtel-Dieu, Sorel-Tracy (Québec) J3P 1N5 (N° CCN : 151162 / N° BNQ : 56746-1)
- Hôpital Honoré-Mercier, 2750, boul. Laframboise, Saint-Hyacinthe (Québec) J2S 4Y8 (N° CCN : 151163 / N° BNQ : 56747-1)
- Hôpital Barrie Memorial, 28, rue Gale, Ormstown (Québec) J0S 1K0 (N° CCN : 151164 / N° BNQ : 56748-1)
- Hôpital du Suroît, 150, rue Saint-Thomas, Salaberry-de-Valleyfield (Québec) J6T 6C1 (N° CCN : 151165 / N° BNQ : 56749-1)
- Hôpital Anna-Laberge, 200, boul. Brisebois, Châteauguay (Québec) J6K 4W8 (N° CCN : 151166 / N° BNQ : 56750-1)

## SCOPE OF ACCREDITATION

### 01.0 BIOCHEMISTRY

- 01.1 BIOCHEMISTRY – CLINICAL
- 01.2 BIOCHEMISTRY – HORMONAL
- 01.3 BIOCHEMISTRY – IMMUNOLOGY
- 01.4 BIOCHEMISTRY – MEDICATION
- 01.5 BIOCHEMISTRY – TOXICOLOGY

### 02.0 MOLECULAR BIOLOGY

- 02.3 MOLECULAR DIAGNOSIS – INFECTIOUS DISEASES

### 05.0 HEMATOLOGY

- 05.1 HEMATOLOGY – CYTOCHEMISTRY
- 05.2 HEMATOLOGY – CYTOLOGY
- 05.5 HEMATOLOGY – HEMOSTASIS
- 05.7 HEMATOLOGY – IMMUNOLOGY

## SCOPE OF ACCREDITATION

### 06.0 TRANSFUSION MEDICINE

### 07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY
- 07.2 MICROBIOLOGY – IMMUNOSEROLOGY
- 07.4 MICROBIOLOGY – MYCOLOGY
- 07.5 MICROBIOLOGY – PARASITOLOGY

### 08.0 ANATOMICAL PATHOLOGY

- 08.1 PATHOLOGY – CLINICAL
- 08.2 PATHOLOGY – FERTILITY
- 08.3 PATHOLOGY – CYTOLOGY

## DETAILS OF SCOPE OF ACCREDITATION

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Physical characterization	Reflectance	Urine
			Refractometry	Urine
		Measurement of osmolality	Cryoscopic osmometry	Blood and blood products, urine
		Research, identification and determination of the concentration of organic and inorganic molecules and enzymatic activity.	Calculation	Blood and blood products
			Flow cytometry	Urine
			Electrochemistry	Blood and blood products, CSF, urine, other biological fluids
			Electrophoresis	Blood and blood products
			Electrophoresis - immunofixation	Blood and blood products
			Microscopic examination including preparation	Urine, other biological fluids
			Immunochromatography	Secretions
			Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
			Precipitation and visual reading	Blood and blood products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
			Spectrophotometry	Blood and blood products, urine, CSF, other biological fluids
			Co-oximetry	Blood and blood products
	<b>01.2 Biochemistry – hormonal</b>	Research, identification and determination of the concentration of organic and inorganic molecules and enzymatic activity	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
			Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Urine
	<b>01.3 Biochemistry – immunology</b>	Research, identification and determination of the concentration of organic and inorganic molecules and enzymatic activity	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
			Spectrophotometry	Blood and blood products
	<b>01.4 Biochemistry – medication</b>	Research, identification and/or determination of the concentration of xenobiotics / drugs	Spectrophotometry	Blood and blood products
	<b>01.5 Biochemistry – toxicology</b>	Research, identification and/or determination of the concentration of toxic substances or analytes	Spectrophotometry	Blood and blood products
			Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Urine
	<b>02.0 MOLECULAR BIOLOGY</b>	<b>02.3 Molecular diagnosis – infectious diseases</b>	Research and identification and/or determination of the concentration (quantification) of viral, bacterial and fungal nucleic acids	Detection of nucleic acids
<b>05.0 HEMATOLOGY</b>	<b>05.1 Hematology – cytochemistry</b>	Hemogram, research, identification and/or cells quantification	Microscopic examination including preparation	Blood and blood products, bone marrow
	<b>05.2 Hematology – cytology</b>	Hemogram, research, identification and/or cells quantification	Calculation	Blood and blood products
			Flow cytometry	Blood and blood products
			Microscopic or macroscopic examination including preparation	Blood and blood products, bone marrow, urine, other biological fluids
			Impedancemetry	Blood and blood products, CSF, other biological fluids
			Spectrophotometry	Blood and blood products
		Red blood cell aggregation technique	Precipitation and visual reading	Blood and blood products
			Spectrophotometry	Blood and blood products
	<b>05.5 Hematology – hemostasis</b>	Determination of hemostasis parameters	Coagulometry	Blood and blood products
			Immunoassay - turbidimetry	Blood and blood products
			Chromogenic method	Blood and blood products
			Chronometric method	Blood and blood products
			Precipitation and visual reading	Blood and blood products
		Bleeding time	Aggregometry	Blood and blood products
			Chronometric method	Blood and blood products
	Research for cellular abnormalities	Precipitation and visual reading	Blood and blood products	

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	<b>05.7 Hematology – immunology</b>	Research and determination of antibody concentration	Immunoassay - fluorescence	Blood and blood products
		Research, identification and/or determination of the concentration of proteins, anticoagulants, antibodies	Immunoassay - fluorescence	Blood and blood products
			Spectrophotometry	Blood and blood products
<b>06.0 TRANSFUSION MEDICINE</b>	<b>06.0 TRANSFUSION MEDICINE</b>	Research and determination of erythrocyte antigens; determination of blood groups	Immunological method of hemagglutination and derivative	Blood and blood products
		Research and/or identification of anti-erythrocyte antibodies	Immunological method of hemagglutination and derivative	Blood and blood products
		Comparative test	Immunological method of hemagglutination and derivative	Blood and blood products
<b>07.0 MICROBIOLOGY</b>	<b>07.1 Microbiology – bacteriology</b>	Characterization of the sensitivity of bacteria to different substances	Phenotypic determination: sensitivity tests	Isolate
		Preparation for bacterial research and identification	Bacterial culture	Clinical specimen, biological fluids
			Microscopic examination including preparation	Secretions, culture, clinical specimen, biological fluids
		Research and identification of toxins, enzymes, antibodies and bacterial antigens	Phenotypic determination: biochemical characterization	Isolate
			Immunoassay - fluorescence	Stool
			Immunochromatography	Urine, CSF
	Research and identification of bacteria	Microscopic examination including preparation	Secretions, culture, clinical specimen, biological fluids	
	<b>07.2 Microbiology – immunoserology</b>	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Agglutination qualitative or quantitative	Blood and blood products
			Immunoassay - fluorescence	Blood and blood products
			Enzymatic immunoassay (chemiluminescence, EIA and derivatives)	Blood and blood products
	<b>07.4 Microbiology – mycology</b>	Research and identification of fungi and yeasts	Culture	Clinical specimen, blood, fresh tissue
			Microscopic examination including preparation	Clinical specimen, blood, fresh tissue
		Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Immunochromatography	Blood and blood products, CSF
	<b>07.5 Microbiology – parasitology</b>	Research, identification and/or determination of the concentration of	Microscopic examination including preparation	Blood and blood products, stools, fresh tissue

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		specific antibodies and/or antigens against infectious agents	Immunochromatography	Blood and blood products
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Autopsies; ultrastructural morphological observation of tissue and cellular components; evaluation of the proportion of specific components/antigens/enzymes	Microscopic examination including preparation	Fresh tissue
		the proportion of specific components/antigens/enzymes	Immunohistochemistry	Fresh tissue
		Evaluation of the proportion of specific constituents/ antigens/ enzymes	Immunoassay - fluorescence	Fresh tissue
	08.2 Pathology – fertility	Morphological study and cells identification	Microscopic examination including preparation	Semen
	08.3 Pathology – cytology	Morphological observation of cellular constituents	Microscopic examination including preparation	Cells

### **Notes**

Accreditation is granted under a flexible scope. The list of methods subject to accreditation is available.

**ISO 15189:2012:** Medical laboratories — Requirements for quality and competence

POV-ASB: Accreditation Program Overview

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc.ca](http://www.scc.ca).

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Elias Rafoul  
 Vice President, Accreditation Services  
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