

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory: **Département clinique de médecine de laboratoire de l'Hôpital Charles-Le Moyne**

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SCC File Number:	151159
Provider:	BNQ-EL
Provider File Number:	56743-1
Accreditation Standard(s):	ISO 15189:2012, <i>Medical laboratories – Requirements for quality and competence</i>
Program Specialty Area:	Medical
Initial Accreditation:	2021-06-25
Most Recent Accreditation:	2023-07-04
Accreditation Valid to:	2025-06-25
Medical Principal Disciplines:	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 du Haut-Richelieu, 920 boulevard du Séminaire Nord, Saint-Jean-sur-Richelieu, (Québec) J3A 1B7, (N° CCN : 151160 / N° BNQ : 56744-1)
- Hôpital Pierre-Boucher, 1333, boul. Jacques-Cartier Est, Longueuil (Québec) J4M 2A5 (N° CCN : 151161 / N° BNQ : 56745-1)
- 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
- 02.5 MOLECULAR DIAGNOSIS – ONCOLOGY

05.0 HEMATOLOGY

- 05.1 HEMATOLOGY – CYTOCHEMISTRY
- 05.2 HEMATOLOGY – CYTOLOGY
- 05.3 HEMATOLOGY – ERYTHROCYTIC
- 05.5 HEMATOLOGY – HEMOSTASIS
- 05.6 HEMATOLOGY – IMMUNOCYTOMETRY
- 05.7 HEMATOLOGY – IMMUNOLOGY

SCOPE OF ACCREDITATION

06.0 TRANSFUSION MEDICINE

07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY
- 07.2 MICROBIOLOGY – IMMUNOSEROLOGY
- 07.3 MICROBIOLOGY – MYCOBACTERIOLOGY
- 07.4 MICROBIOLOGY – MYCOLOGY
- 07.5 MICROBIOLOGY – PARASITOLOGY
- 07.6 MICROBIOLOGY – VIROLOGY

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
			Chromatography	Blood and blood products
			Electrochemistry	Blood and blood products, urine, other biological fluids
			Electrophoresis	Blood and blood products
			Electrophoresis - immunofixation	Blood and blood products, urine
			Microscopic examination including preparation	Urine, other biological fluids
		Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products, other biological fluids	

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
			immunoassay - turbidimetry	Blood and blood products, urine, CSF and other biological fluids
			Visual examination	Stool
			Precipitation	Blood and blood products
			Spectrophotometry	Blood and blood products, urine, CSF, other biological fluids
			Co-oximetry	Blood and blood products
	01.2 Biochemistry – hormonal	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
			Immunochemistry	Urine
	01.3 Biochemistry – immunology	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 - turbidimetry	Blood and blood products
	01.4 Biochemistry – medication	Research, identification and/or determination of the concentration of xenobiotics / drugs	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
			Immunoassay - turbidimetry	Blood and blood products
			Spectrophotometry	Blood and blood products
	01.5 Biochemistry – toxicology	Research, identification and/or determination of the concentration of toxic substances or analytes	Spectrophotometry	Blood and blood products
			Immunochemistry	Urine
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	Research and identification and/or determination of the concentration (quantification) of viral, bacterial and fungal nucleic acids	Detection of nucleic acids	Stool, urine, secretions, CSF, other biological fluids
	02.5 Molecular diagnosis – oncology	Characterization and/or quantification of molecular anomalies: detection of mutations, inversions, translocations, methylations, deletions	Molecular in situ hybridization (CISH, FISH)	Fresh tissue
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	Hemogram, research, identification and/or cells quantification	Microscopic examination including preparation	Blood and blood products, bone marrow
	05.2 Hematology – cytology	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, urine, secretions, CSF, other biological fluids
			Impedancemetry	Blood and blood products, CSF, other biological fluids
			Spectrophotometry	Blood and blood products
			Sedimentation (precipitation)	Blood and blood products
	Red blood cell aggregation technique	Spectrophotometry	Blood and blood products	

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	05.3 Hematology – erythrocytic	Search for cell abnormalities	Microscopic examination including preparation	Blood and blood products
		Research and determination of hemoglobin concentration	Electrophoresis	Blood and blood products
	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Coagulometry	Blood and blood products
			Immunoassay - turbidimetry	Blood and blood products
			Chromogenic method	Blood and blood products
			Precipitation	Blood and blood products
		Bleeding time	Aggregometry	Blood and blood products
			Chronometric method	Blood and blood products
	Platelet tests, search for and determination of heparin-dependent antibody concentration	Aggregometry	Blood and blood products	
		Immunoassay - turbidimetry	Blood and blood products	
	05.6 Hematology – immunocytometry	Hematocytological phenotyping	Flow cytometry	Blood and blood products, bone marrow, CSF, other biological fluids, clinical specimen
	05.7 Hematology – immunology	Research for cellular abnormalities	Precipitation	Blood and blood products
		Research, identification and/or determination of the concentration of proteins, anticoagulants, antibodies	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
Immunoassay - fluorescence			Blood and blood products	
Immunoassay - turbidimetry			Blood and blood products	
06.0 TRANSFUSION MEDICINE	06.0 TRANSFUSION MEDICINE	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
		Cell treatment to eliminate interference	Enzymatic method	Blood and blood products
		Comparative test	Immunological method of hemagglutination and derivative	Blood and blood products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Characterization of the sensitivity of bacteria to different substances	Phenotypic determination: sensitivity tests	Isolate
		Preparation for bacterial research and identification	Culture	Clinical specimen, biological fluids
			Microscopic examination including preparation	Secretions, culture, clinical specimen, biological fluids
			Mass Spectrometry	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

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		Research and identification of bacteria	Phenotypic determination: biochemical characterization	Clinical specimen
			Microscopic examination including preparation	Secretions, culture, clinical specimen, biological fluids
	07.2 Microbiology – immunoserology	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Immunochromatography	Blood and blood products
			Enzymatic immunoassay (chemiluminescence, EIA and derivatives)	Blood and blood products
	07.3 Microbiology – mycobacteriology	Research and identification of mycobacteria	Mycobacterial culture	Clinical specimen, blood, fresh tissue
			Microscopic examination including preparation	Clinical specimen, blood, fresh tissue
	07.4 Microbiology – mycology	Characterization of the sensitivity of infectious agents to different substances	Phenotypic determination: sensitivity tests	Isolate
			Culture	Clinical specimen, blood, fresh tissue
		Research and identification of fungi and yeasts	Microscopic examination including preparation	Clinical specimen, blood, fresh tissue
			Immunoassay - fluorescence	Clinical specimen
			Mass Spectrometry	Clinical specimen, biological fluids
	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Immunochromatography	Blood and blood products, CSF	
	07.5 Microbiology – parasitology	Research and identification of parasites	Microscopic examination including preparation	Blood and blood products, stools, fresh tissue, biological fluids
			Immunochromatography	Secretions
		Research, identification and/or determination of the concentration of specific antibodies and/or antigens against infectious agents	Immunochromatography	Blood and blood products
	07.6 Microbiology – virology	Research and identification of specific viruses	Enzyme immunoassay (chemiluminescence, EIA and derivatives)	Stool
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
			Immunohistochemistry	Fresh tissue
	08.2 Pathology – fertility	Morphological study and cells identification	Microscopic examination including preparation	Semen
		Identification and determination of the concentration of antibodies	Qualitative or quantitative agglutination	Semen

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	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.

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