

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory: Département clinique de médecine de laboratoire Centre intégré universitaire de santé et de services sociaux de la Mauricie-et-du-Centre-du-Québec (Site Pavillon Sainte-Marie)

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SCC File Number:	151180
Provider:	BNQ-EL
Provider File Number:	56540-1
Accreditation Standard(s):	ISO 15189:2012 Medical laboratories – Requirements for quality and competence
Program Specialty Area:	Medical
Initial Accreditation:	2021-07-11
Most Recent Accreditation:	2023-12-15
Accreditation Valid to:	2029-07-11

*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.

- Centre multiservices de santé et de services sociaux de Fortierville 216, Principale St., Fortierville (Québec) G0S 1J0 (CCN N°: 151181/ BNQ N°: 56541-1)
- Hôtel-Dieu D'Arthabaska, 5, des Hospitalières St., Victoriaville (Québec) G6P 6N2 (CCN N°: 151186/ BNQ N°: 56546-1)

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
- 05.5 HEMATOLOGY – HEMOSTASIS
- 05.6 HEMATOLOGY – IMMUNOCYTOMETRY
- 05.7 HEMATOLOGY – IMMUNOLOGY

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

SCOPE OF ACCREDITATION

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	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Chromatography	Blood and derived products, urine
			Chromogenic	Feces
			Cytometry	Urine
			Electrochemistry	Blood and derived products, urine, sweat
			Immunochemistry	Blood and derived products, urine
			Microscopy	Urine
			Cryoscopic Osmometry	Blood and derived products, urine
			Spectrophotometry	Blood and derived products, urine, CSF, other biological fluids
			Image recognition using neural network algorithms	Urine
	01.2 Biochemistry – hormonal	Research, identification and/or determination of the concentration of xenobiotics/drugs	Immunochemistry	Blood and derived products, urine
	01.3 Biochemistry – immunology			Blood and derived products
	01.4 Biochemistry – medication			Blood and derived products
01.5 Biochemistry – toxicology	Research, identification and/or determination of the concentration of toxic substances or analytes	Immunochemistry	Urine	
		Spectrophotometry	Blood and derived products	
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	Clinical sample, biological fluids, CSF, feces, urine, secretions

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	02.5 Molecular diagnosis – oncology	Autopsies; ultrastructural morphological observation of tissue and cellular components; evaluation of the proportion of specific components/antigens/enzymes	Molecular in situ hybridization (CISH, FISH)	Tissue/cell blocks
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	Hemogram, research, identification and/or cells quantification	Microscopy	Blood and derived products, other biological fluids
			Preparation	Marrow
	05.2 Hematology – cytology	Hemogram, research, identification and/or cells quantification	Flow cytometry	Blood and derived products, other biological fluids
			Impedance measurement	Blood and derived products, other biological fluids
			Microscopy	Blood and derived products, CSF, other biological fluids
			Spectrophotometry	Blood and derived products, other biological fluids
		Red blood cell aggregation technique	Photometry	Blood and derived products
	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Coagulometry	Blood and derived products
			Immunochemistry	Blood and derived products
			Spectrophotometry	Blood and derived products
	Bleeding time	Aggregometry	Blood and derived products	
05.6 Hematology – immunocytometry	Hematocytological phenotyping	Flow cytometry	Bone marrow, blood and derived products	
05.7 Hematology – immunology	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Immunochemistry	Blood and derived products	
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	Research, identification and/or concentration determination of anti-erythrocyte antibodies and/or erythrocyte antigens	Immunological method of hemagglutination and derivative	Blood and derived products
		Elution (dissociation) of antibodies bound to red blood cells		Blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Characterization of the sensitivity of bacteria to different substances	Phenotypic determination: sensitivity tests	Isolate
		Preparation of a bacterial solution from donor stool for fecal transplantation into a recipient	N/A	Feces

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)	
		Preparation for bacterial research and identification	Culture	Blood and derived products, clinical sample, biological fluid, fresh tissue, marrow, secretions, urine, CSF, feces	
		Research and identification of nucleic acids, toxins, enzymes, antibodies and bacterial antigens	Phenotypic determination: biochemical characterization	Isolate	
			Immunochromatography	Urine, CSF	
		Research and identification of bacteria	Culture	Blood and derived products, clinical sample, biological fluid, fresh tissue, marrow, secretions, urine, CSF, feces	
			Phenotypic determination: mass spectrometry	Isolate	
			Microscopic examination including preparation	Clinical sample, secretions, isolate	
		Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Agglutination	Isolate	
		07.2 Microbiology – immunoserology	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Immunochemistry	Blood and derived products, feces
			Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Agglutination	Blood and derived products
				Qualitative or quantitative agglutination	Blood and derived products
	07.3 Microbiology – mycobacteriology	Research and identification of mycobacteria	Culture	Blood and derived products, clinical sample, urine, fresh tissue, marrow, secretions, CSF and other biological fluids	
			Microscopic examination including preparation	Clinical sample, urine, fresh tissue, marrow, secretions, CSF and other biological fluids	
	07.4 Microbiology – mycology	Preparation for fungi research and identification	Microscopic and/or macroscopic examination including preparation	Isolate	
		Research and identification of fungi and yeast	Culture	Blood and derived products, clinical sample, urine, fresh tissue, marrow, secretions, CSF and other biological fluids	
			Microscopic examination including preparation	Clinical sample, urine, fresh tissue, marrow, secretions, CSF and other biological fluids	

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		Research and identification of yeast	Phenotypic determination: mass spectrometry	Isolate
		Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Qualitative or quantitative agglutination	Blood and derived products, CSF
	07.5 Microbiology – parasitology	Research and identification of parasites	Microscopic examination including preparation	Blood and derived products, clinical sample, stool, tissues and biological fluids
			Microscopy	Blood and derived products
		Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Immunochemistry	Blood and derived products
	07.6 Microbiology – virology	Research and identification of specific viruses	Enzyme immunoassays (ELISA and derivatives)	Feces
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	Tissue/cell blocks, fresh tissue
			Immunohistochemistry	Tissue/cell blocks
		Evaluation of the proportion of specific constituents/antigens/enzymes	Immunofluorescence	Fresh tissue
			Immunohistochemistry	Tissue/cell blocks
	08.2 Pathology – fertility	Morphological study and cell identification	Microscopic examination including preparation	Semen
	08.3 Pathology – cytology	Morphological observation of cellular constituents		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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