

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory: Département de médecine de laboratoire du CHU de Québec – Université Laval (site HÔPITAL SAINT-FRANÇOIS D'ASSISE)

Contact name: France Corbeil, interim clinico administrative director

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SCC File Number:	151153
Provider:	BNQ-EL
Provider File Number:	56443-1
Accreditation Standard(s):	ISO 15189:2012 Medical laboratories – Requirements for quality and competence ISO 22870:2016 Point of care testing (POCT) – Requirements for quality and competence CAN/CSA-Z902-15 Blood and blood components
Program Specialty Area:	Medical
Initial Accreditation:	2020-10-16
Most Recent Accreditation:	2023-09-30
Accreditation Valid to:	2025-10-16

*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 hospitalier de l'Université Laval, 2705, boul. Laurier, Québec (Québec) G1V 4G2 (N° CCN : 151142 / N BNQ : 56432-1),
- Hôpital de l'Archipel, 430, chemin Principal, Cap-aux-Meules (Québec) G4T 1R9 (N CCN : 151143 / N BNQ : 56433-1),
- Hôpital Jeffery Hale, 1250, chemin Sainte-Foy, Québec (Québec) G1S 2M6 (N CCN : 151144 / N° BNQ : 56434-1),
- Hôpital régional de Portneuf, 700, rue Saint-Cyrille, Saint-Raymond (Québec) G3L 1W1 (N CCN : 151145 / N BNQ : 56435-1),
- Hôpital Chauveau, 11999, rue de l'Hôpital, Québec (Québec) G2A 2T7 (N CCN : 151146 / N BNQ : 56436-1),
- Hôpital de Saint-Anne-de-Beaupré, 11000, rue des Montagnards, Beaupré (Québec) G1S 4L8 (N CCN : 151147 / N BNQ : 56437-1),
- Hôpital de La Malbaie, 303, rue Saint-Étienne, La Malbaie (Québec) G5A 1T1 (N CCN : 151148 / N BNQ : 56438-1),
- Hôpital de Baie-Saint-Paul, 74, rue Ambroise-Fafard, Baie-Saint-Paul (Québec) G3Z 2J6 (N CCN : 151149 / N BNQ : 56439-1),
- Hôpital du Saint-Sacrement, 1050, chemin Sainte-Foy, Québec (Québec) G1S 4L8 (N CCN : 151151 / N BNQ : 56441-1),
- Hôtel-Dieu de Québec, 11, Côte du Palais, Québec (Québec) G1R 2J6 (N CCN : 151152 / N BNQ : 56442-1),
- Hôpital de l'Enfant-Jésus, 1401, 18^e Rue, Québec (Québec) G1J 1Z4 (N CCN : 151154 / N BNQ : 56444-1),
- Institut universitaire de cardiologie et de pneumologie de Québec, 2725, chemin Sainte-Foy, Québec (Québec) G1V 4G5 (N CCN : 151155 / N BNQ : 56445-1),

SCOPE OF ACCREDITATION

01.0 BIOCHEMISTRY*

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

(*) This discipline covers tests subject to ISO 22870; see detailed scope

02.0 MOLECULAR BIOLOGY*

- 02.3 MOLECULAR DIAGNOSIS – INFECTIOUS DISEASES
- 02.4 MOLECULAR DIAGNOSIS – HEREDITARY DISEASES
- 02.5 MOLECULAR DIAGNOSIS – ONCOLOGY

(*) This discipline covers tests subject to ISO 22870; see detailed scope

SCOPE OF ACCREDITATION

03.0 MATERNAL SERUM SCREENING

03.2 MATERNAL SERUM SCREENING - NEONATAL

04.0 GENETICS / CYTOGENETICS

04.1 GENETICS – BIOCHEMISTRY

04.2 GENETICS – CYTOGENETICS

05.0 HEMATOLOGY*

05.1 HEMATOLOGY – CYTOCHEMISTRY

05.2 HEMATOLOGY – CYTOLOGY

05.3 HEMATOLOGY – ERYTHROCYTIC

05.5 HEMATOLOGY – HEMOSTASIS

(*) This discipline covers tests subject to ISO 22870; see detailed scope

06.0 TRANSFUSION MEDICINE

07.0 MICROBIOLOGY

07.1 MICROBIOLOGY – BACTERIOLOGY

07.4 MICROBIOLOGY – MYCOLOGY

08.0 ANATOMICAL PATHOLOGY

08.1 PATHOLOGY – CLINICAL

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	Osmolality measurement	Cryoscopic Osmometry	Blood and derived products, urine
		Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Electrochemistry	Blood and derived products, urine, other biological fluids
			Microscopic examination including preparation	Urine
			Immunochemistry	Secretions

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
			Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
			Nephelometry	Blood and derived products, urine
			Reflectance	Urine
			Refractometry	Urine
			Spectrophotometry	Blood and blood products, urine, CSF, other biological fluids
			Immuno-chromatography	Urine
	01.2 Biochemistry – hormonal		Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
			Mass spectroscopy	Blood and derived products
	01.4 Biochemistry – medication	Research, identification and/or determination of the concentration of xenobiotics / drugs	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
			Immunoassay - turbidimetry	Blood and derived products
			Mass spectroscopy	Blood and derived products
			Spectrophotometry	Blood and derived products
	01.5 Biochemistry – toxicology	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Spectrophotometry	Blood and derived products
		Research, identification and/or determination of the concentration of toxic substances or analyses	Immuno-chromatography	Urine
	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	AmnioTest Transcutaneous bilirubin Blood sugar	Blood and derived products, other biological fluids
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	Nucleic acid detection	Clinical sample

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	02.4 Molecular diagnosis – hereditary diseases	Characterization and/or quantification of molecular anomalies	Detection of nucleic acids	Blood and blood products, clinical sample DNA or RNA, fresh tissue
			Electrophoresis	Blood and blood products, clinical sample DNA or RNA, fresh tissue, cells
			Next generation sequencing	clinical sample DNA or RNA
	02.5 Molecular diagnosis – oncology	Characterization and/or quantification of molecular abnormalities: detection of mutations, inversions, translocations, methylations, deletions.	Detection of nucleic acids	Blood and derived products
	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	SARS-CoV-2	Clinical sample
04.0 GENETICS / CYTOGENETICS	04.2 Genetics – cytogenetics	Karyotype – Numerical and morphological study of chromosomes	Microscopic examination including preparation	Blood and blood products, amniotic fluid, fresh tissues
		Genetic diagnosis	Cell culture	Cells
		Search for chromosomal and/or molecular abnormalities	Molecular in situ hybridization (CISH, FISH)	Other biological fluids, blood and blood products, fresh tissue
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	Hemogram, research, identification and/or cells quantification	Microscopic examination including preparation	Blood and derived products
	05.2 Hematology – cytology		Microscopic examination including preparation	Blood and blood products,
			Impedance measurement	Blood and blood products, CSF, other biological fluids
			Red blood cell aggregation technique	Precipitation

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	05.3 Hematology – erythrocytic	Research and determination of hemoglobin concentration	Spectrophotometry	Blood and derived products
	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Coagulometry	Blood and derived products
			Immunoassay - fluorescence	Blood and derived products
POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Activated clotting time (ACT)	Blood and derived 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 derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Preparation for bacterial research and identification	Cell culture	Blood and blood products, clinical sample, other biological fluids
			Phenotypic determination: biochemical characterization	Clinical sample
			Microscopic examination including preparation	Blood and derived products, clinical sample, isolate
	Research and identification of bacteria	Microscopic examination including preparation	Clinical sample, isolate	
	Research and identification of toxins, enzymes, antibodies, and bacterial antigens	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Feces	
07.4 Microbiology – mycology	Research and identification of fungi and yeast	Microscopic examination including preparation	Clinical sample	

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Autopsies; ultrastructural morphological observation and of tissue and cellular constituents; assessment of the proportion of specific constituents/ antigens/ enzymes	Microscopic examination including preparation	Fresh tissue

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

ISO 22870:2016: Point-of-care testing (POCT) — Requirements for quality and competence

CAN/CSA-Z902-20 – Blood and Blood Components

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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