

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 DU SAINT-SACREMENT)

Contact name: France Corbeil, interim clinico administrative
director

Address: 1050, chemin Sainte-Foy, Québec (Québec)
G1S 4L8

Telephone: 418 525-4444 (65604)

Website: <https://www.chudequebec.ca/accueil.aspx>

Email: france.corbeil@chudequebec.ca

SCC File Number:	151151
Provider:	BNQ-EL
Provider File Number:	56441-1
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-Z902-20 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 (No CCN : 151142 / No BNQ : 56432-1),
- Hôpital de l'Archipel, 430, chemin Principal, Cap-aux-Meules (Québec) G4T 1R9 (No CCN : 151143 / No BNQ : 56433-1),
- Hôpital Jeffery Hale, 1250, chemin Sainte-Foy, Québec (Québec) G1S 2M6 (No CCN : 151144 / No BNQ : 56434-1),
- Hôpital régional de Portneuf, 700, rue Saint-Cyrille, Saint-Raymond (Québec) G3L 1W1 (No CCN : 151145 / No BNQ : 56435-1),
- Hôpital Chauveau, 11999, rue de l'Hôpital, Québec (Québec) G2A 2T7 (No CCN : 151146 / No BNQ : 56436-1),
- Hôpital de Saint-Anne-de-Beaupré, 11000, rue des Montagnards, Beaupré (Québec) G0A 1E0 (No CCN : 151147 / No BNQ : 56437-1),
- Hôpital de La Malbaie, 303, rue Saint-Étienne, La Malbaie (Québec) G5A 1T1 (No CCN : 151148 / No BNQ : 56438-1),
- Hôpital de Baie-Saint-Paul, 88, rue Racine, Baie-Saint-Paul (Québec) G3Z 0K3 (No CCN : 151149 / No BNQ : 56439-1),
- Hôtel-Dieu de Québec, 11, Côte du Palais, Québec (Québec) G1R 2J6 (No CCN : 151152 / No BNQ : 56442-1),
- Hôpital Saint-François d'Assise, 10, rue de l'Espinay, Québec (Québec) G1L 3L5 (No CCN : 151153 / No BNQ : 56443-1),
- Hôpital de l'Enfant-Jésus, 1401, 18^e Rue, Québec (Québec) G1J 1Z4 (No CCN : 151154 / No BNQ : 56444-1),
- Institut universitaire de cardiologie et de pneumologie de Québec, 2725, chemin Sainte-Foy, Québec (Québec) G1V 4G5 (No CCN : 151155 / No 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*

- 02.2 MOLECULAR DIAGNOSIS – HEMATOLOGY
- 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

04.0 GENETICS / CYTOGENETICS

- 04.2 GENETICS – CYTOGENETICS

05.0 HEMATOLOGY

- 05.2 HEMATOLOGY – CYTOLOGY
- 05.3 HEMATOLOGY – ERYTHROCYTIC
- 05.4 HEMATOLOGY – GRAFTS
- 05.5 HEMATOLOGY – HEMOSTASIS
- 05.6 HEMATOLOGY – IMMUNOCYTOMETRY

06.0 TRANSFUSION MEDICINE

07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY

08.0 ANATOMICAL PATHOLOGY

- 08.1 PATHOLOGY – CLINICAL

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
			Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
			Reflectance	Blood and derived products, urine, other biological fluids
			Spectrophotometry	Blood and derived products
			Immunochromatography	Urine
	01.2 Biochemistry – hormonal	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products, urine	
	01.4 Biochemistry – medication	Research, identification and/or determination of the concentration of xenobiotics / drugs	Reflectance	Blood and derived products
	01.5 Biochemistry – toxicology	Research, identification and/or determination of the concentration of toxic substances or analytes	Immunochromatography	Urine
	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Blood gases and electrolytes Blood sugar	Blood and derived products, urine
02.0 MOLECULAR BIOLOGY	02.2 Molecular Diagnostics Hematology	Genotyping and cell typing (erythrocytes, platelets, granulocytes, etc.)	Detection of nucleic acids	DNA or RNA from clinical sample
		HLA genotyping, chimerism, genetic polymorphisms		DNA or RNA from clinical sample
	02.3 Molecular diagnosis – infectious diseases	Research and identification and/or determination of the concentration (quantification) of viral, bacterial and fungal nucleic acids		Clinical sample
	02.4 Molecular diagnosis of hereditary disease	Characterization and/or quantification of molecular anomalies		DNA or RNA from clinical sample
	02.5 Molecular Diagnosis Oncology	Characterization and/or quantification of molecular anomalies: detection of mutations, inversions, translocations, methylations, deletions		DNA or RNA from clinical sample, tissue/cell blocks (paraffin, others), cells, fresh tissue, blood and derived products, bone marrow, other biological fluids

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
			Molecular in situ hybridization (CISH, FISH)	Tissue/cell blocks (paraffin), cells, fresh tissue
			Conventional sequencing	DNA or RNA from clinical sample
	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 Genetic cytogenetics	Karyotype – Numerical and morphological study of chromosomes	Microscopic examination including preparation	Blood and derived products, bone marrow
		Genetic diagnosis	Cell culture	Blood and derived products, bone marrow
		Search for chromosomal and/or molecular abnormalities	Molecular in situ hybridization (CISH, FISH)	Blood and derived products, bone marrow Fresh tissue
05.0 HEMATOLOGY	05.2 Hematology – cytology	Hemogram, research, identification and/or cells quantification	Microscopic examination including preparation	Blood and derived products
			Impedance measurement	Blood and derived products, other biological fluids
		Red blood cell aggregation technique	Precipitation	Blood and derived products
	05.4 Hematology – transplant	Hematocytological phenotyping	Molecular hybridization techniques (microbeads)	Bone marrow
	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Coagulometry	Blood and derived products
			Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		Bleeding time	Aggregometry	Blood and derived products
05.6 Hematology – immunocytometry	Research, identification and/or determination of the concentration of antibodies and other protein compounds	Flow cytometry	Blood and derived products, CSF, bone marrow, other biological fluids	
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	Comparative test	Immunological method of hemagglutination and derivative	Blood and derived products
		Research and determination of erythrocyte antigens; determination of blood groups		Blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Preparation for bacterial research and identification	Phenotypic determination: biochemical characterization	Clinical sample
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 (paraffin), Fresh tissue
			Immunohistochemistry	Tissue/cell blocks (paraffin, others), blood and derived products, other biological fluids

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.

Elias Rafoul
Vice President, Accreditation Services
Publication on: 2024-10-10