MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory:	**Département de médecine de laboratoire du CHU de Québec – Université Laval (site HÔTEL-DIEU DE QUEBEC)**
Contact name:	France Corbeil, interim clinico administrative director
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SCC File Number:	151152
Provider:	BNQ-EL
Provider File Number:	56442-1
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:	2024-10-16

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.

Canada

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),
- Hôpital du Saint-Sacrement, 1050, chemin Sainte-Foy, Québec (Québec) G1S 4L8 (No CCN : 151151 / No BNQ : 56441-1),
- 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, 18e 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*

- 02.3 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

05.0 HEMATOLOGY*

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

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

06.0 TRANSFUSION MEDICINE

07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY
- 07.3 MICROBIOLOGY – MYCOBACTERIOLOGY
- 07.4 MICROBIOLOGY – MYCOLOGY
- 07.5 MICROBIOLOGY – PARASITOLOGY

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, CSF, urine, other biological fluids
			Microscopic examination including preparation	Urine,
			Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
			Nephelometry	Blood and derived products, urine
			Precipitation	Blood and derived products
			Reflectance	Urine
			Infrared spectrometry	Blood and derived products
			Spectrophotometry	Blood and derived products, CSF, urine, other biological fluids
	01.2 Biochemistry – hormonal		**Immunochromatography**	Blood and derived products, urine
			Enzyme immunoassays (chemiluminescence, EIA and derivatives)	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
			Spectrophotometry	Blood and derived products
	01.5 Biochemistry – toxicology	Research, identification and/or determination of the concentration of toxic substances or analytes	**Immunochromatography**	Urine
			Spectrophotometry	Blood and derived products, urine, fresh tissue
	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	**Blood gases and electrolytes** **Blood sugar**	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

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	02.4 Molecular diagnosis of hereditary disease	Characterization and/or quantification of molecular anomalies		Tissue/cell blocks (paraffin, others), cells, fresh tissue
	02.5 Molecular Diagnosis Oncology	Characterization and/or quantification of molecular anomalies: detection of mutations, inversions, translocations, methylations, deletions		Tissue/cell blocks (paraffin, others), cells, fresh tissue, bone marrow, blood and derived products
			Conventional sequencing	Tissue/cell blocks (paraffin, others), cells, fresh tissue
	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	**SARS-CoV-2**	Clinical sample
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, CSF, other biological fluids
		Red blood cell aggregation technique	**Precipitation**	Blood and derived products
	05.4 Hematology – transplant	Hematocytological phenotyping	**Cell culture**	Blood and derived products
	05.5 Hematology – hemostasis	Determination of hemostasis parameters	**Coagulometry**	Blood and derived products
			Turbidimetry	Blood and derived products
		Bleeding time	**Aggregometry**	Blood and derived products
	05.6 Hematology – immunocytometry	Hematocytological phenotyping	**Flow cytometry**	Blood and derived products, CSF, bone marrow, other biological fluids
	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**	Characterization of the sensitivity of bacteria to different substances	**Phenotypic determination: sensitivity tests**	Isolate, clinical sample
		Preparation for bacterial research and identification	**Cell culture**	Blood and derived products, clinical specimen
			Microscopic examination including preparation	Blood and derived products, clinical specimen
		Research and identification of bacteria		Isolate, clinical sample
		Research and identification of toxins, enzymes, antibodies and bacterial antigens	**Enzyme immunoassays (chemiluminescence, EIA and derivatives)**	Urine, CSF, stool

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
	07.3 Microbiology – mycobacteriology	Diagnosis of latent tuberculosis infection	**Immunoassay - enzymatic (IGRA)**	Blood and derived products
		Research and identification of mycobacteria	**Mycobacterial culture**	Clinical sample
			Microscopic examination including preparation	Clinical sample
	07.4 Microbiology – mycology	Research and identification of fungi and yeast	**Phenotypic determination: sensitivity tests**	Isolate
		Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	**Qualitative or quantitative agglutination**	CSF, blood and derived products
			Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Clinical sample
	07.5 Microbiology – parasitology	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	**Enzyme immunoassays (chemiluminescence, EIA and derivatives)**	Blood and derived 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**	Tissue/cell blocks (paraffin, others), cells, fresh tissue
			Immunohistochemistry	Tissue/cell blocks (paraffin, others), cells, blood and derived products, other biological fluids
		Assessment of the proportion of specific constituents / antigens / enzymes	**Immunoassay - fluorescence**	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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