

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory:

Département clinique de médecine de laboratoire de l'Hôpital Charles-Le Moyne (Site Hôpital Barrie Memorial)

Contact name:

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SCC File Number:	151164
Provider:	BNQ-EL
Provider File Number:	56748-1
Accreditation Standard(s):	ISO 15189:2012 Medical laboratories – Requirements for quality and competence
Program Specialty Area:	Medical
Initial Accreditation:	2021-06-25
Most Recent Accreditation:	2023-07-04
Accreditation Valid to:	2029-06-25
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 Charles-Le Moyne, 3120, boul. Taschereau, Longueuil (Québec) J4V 2H1 (N° CCN : 151159 / N° BNQ : 56743-1)
- Hôpital du Haut-Richelieu, 920 boulevard du Séminaire Nord, Saint-Jean-sur-Richelieu, (Québec) J3A 1B7, (N° CCN : 151160 / No 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 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
- 01.4 BIOCHEMISTRY – MEDICATION
- 01.5 BIOCHEMISTRY – TOXICOLOGY

05.0 HEMATOLOGY

- 05.2 HEMATOLOGY – CYTOLOGY
- 05.5 HEMATOLOGY – HEMOSTASIS

06.0 TRANSFUSION MEDICINE

07.0 MICROBIOLOGY

- 07.2 MICROBIOLOGY – IMMUNOSEROLOGY

DETAILS OF SCOPE OF ACCREDITATION

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30013 - Uric acid	Spectrophotometry	Blood and blood products, urine
		30016 - Alanine aminotransferase (ALT)	Spectrophotometry	Blood and blood products
		30017 - Albumin	Spectrophotometry	Blood and blood products
		30060 - Aspartate aminotransferase (AST)	Spectrophotometry	Blood and blood products
		30076 - Lactic acid (by specific electrode)	Electrochemistry	Blood and blood products
		30078 - Procalcitonin	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
		30083 - Direct (conjugated) bilirubin	Spectrophotometry	Blood and blood products
		30084 - Total bilirubin	Spectrophotometry	Blood and blood products
		30085 - BNP (Brain Natriuretic Peptide)	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
		30105 - Total calcium	Spectrophotometry	Blood and blood products, urine
		30106 - Measured ionized calcium	Electrochemistry	Blood and blood products
		30115 - Chlorides	Electrochemistry	Blood and blood products, urine
		30116 - Cholesterol – HDL	Spectrophotometry	Blood and blood products
		30117 - Cholesterol – LDL (calculated)	Calculation	Blood and blood products
		30119 - Total cholesterol	Spectrophotometry	Blood and blood products
		30124 - Total CO ₂ or bicarbonate (dosage only)	Calculation	Blood and blood products
			Electrochemistry	Blood and blood products
		30130 - Total CK	Spectrophotometry	Blood and blood products
		30132 - Creatinine	Spectrophotometry	Blood and blood products, urine
		30190 - Iron (binding capacity) (UIBC or TIBC)	Spectrophotometry	Blood and blood products
		30191 - Iron (serum)	Spectrophotometry	Blood and blood products
		30193 – Ferritine	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
30210 - Gamma glutamyl transferase (GGT)	Spectrophotometry	Blood and blood products		

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)	
		30212 - Blood gases (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, metHb, oxyHb, SulfHb, total CO ₂)	Calculation	Blood and blood products	
			Electrochemistry	Blood and blood products	
			Spectrophotometry	Blood and blood products	
			Co-oximetry	Blood and blood products	
		30214 - Glucose	Electrochemistry	Blood and blood products, urine, CSF	
		30248 - Glycated hemoglobin (HbA1c)	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products	
		30301 - Lactate dehydrogenase (LD)	Spectrophotometry	Blood and blood products	
		30306 - Lipase	Spectrophotometry	Blood and blood products	
		30332 - Total magnesium	Spectrophotometry	Blood and blood products, urine	
		30337 - Microalbumin (urine)	Spectrophotometry	Urine	
		30383 - pH (biological fluid)	Electrochemistry	Other biological fluids	
		30386 - Alkaline phosphatase	Spectrophotometry	Blood and blood products	
		30391 - Phosphorus	Spectrophotometry	Blood and blood products, urine	
		30398 - Potassium	Electrochemistry	Blood and blood products, urine	
		30404 - Total protein (other liquids)	Spectrophotometry	Urine, CSF	
		30405 - Total protein (serum)	Spectrophotometry	Blood and blood products	
		30412 - C-reactive protein (CRP) (includes ultrasensitive)	immunoassay - turbidimetry	Blood and blood products	
		30478 - Sodium	Electrochemistry	Blood and blood products, urine	
		30512 - Triglycerides	Spectrophotometry	Blood and blood products	
		30513 - Troponin T or I	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products	
		30531 - Urea	Spectrophotometry	Blood and blood products, urine	
		30532 - Urine (microscopic examination)	Microscopic examination including preparation	Urine	
		30533 - Urine (summary examination)	Reflectance	Urine	
			Refractometry	Urine	
		01.2 Biochemistry – hormonal	30241 - Human chorionic gonadotropin (HCG) (serum or urine) (qualitative)	Immunochromatography	Urine

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30242 - Human chorionic gonadotropin (HCG) (serum) (quantitative)	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
		30502 - T4L (free thyroxine)	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
		30516 - TSH (thyroid stimulating hormone)	Immunoassay - enzymatic (chemiluminescence, EIA and derivatives)	Blood and blood products
	01.4 Biochemistry – medication	30600 - Acetaminophen	Spectrophotometry	Blood and blood products
		30760 - Salicylates	Spectrophotometry	Blood and blood products
	01.5 Biochemistry – toxicology	30851 - Street drugs / strip / drug	Immunochemistry	Urine
05.0 HEMATOLOGY	05.2 Hematology – cytology	20320 - Fluid cytology (manual)	Microscopic examination including preparation	Blood and blood products, CSF, other biological fluids
		20361 - Complete Blood Count (CBC) or Hb-Ht-Plaq. automated	Calculation	Blood and blood products
			Flow cytometry	Blood and blood products
			Impedanceometry	Blood and blood products, CSF, other biological fluids
			Spectrophotometry	Blood and blood products
		20362 - Differential blood count (manual) (including staining)	Microscopic examination including preparation	Blood and blood products, other biological fluids
		20363 - Red blood cell and platelet evaluation (orientation smear) (including staining)	Microscopic examination including preparation	Blood and blood products
		20470 - Reticulocytes (automated)	Calculation	Blood and blood products
			Flow cytometry	Blood and blood products
			Impedanceometry	Blood and blood products
	Spectrophotometry		Blood and blood products	
	20490 - Manual sedimentation	Sedimentation (precipitation)	Blood and blood products	
	05.5 Hematology – hemostasis	20062 - D-Dimer (automated)	Immunoassay - turbidimetry	Blood and blood products
		20102 - Fibrinogen (activity)	Aggregometry	Blood and blood products
			Chronometric method	Blood and blood products
		20241 - Activated partial thromboplastin time or partial thromboplastin time + activator (PTT)	Aggregometry	Blood and blood products
			Chronometric method	Blood and blood products
20243 - Prothrombin time (prothrombin time) (INR) including derived fibrinogen		Aggregometry	Blood and blood products	
	Chronometric method	Blood and blood products		
06.0 TRANSFUSION MEDICINE	06.0 TRANSFUSION MEDICINE	10024 - Compatibility (manual or automated)	Immunological method of hemagglutination and derivative	Blood and blood products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		10034 - Direct polyspecific or monospecific Coombs (gel technique) (manual)	Immunological method of hemagglutination and derivative	Blood and blood products
		10086 - ABO-Rh blood group (manual)	Immunological method of hemagglutination and derivative	Blood and blood products
		10150 - Irregular antibodies (manual search)	Immunological method of hemagglutination and derivative	Blood and blood products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	40740 - Heterophile antibody mononucleosis (agglutination)	Qualitative or quantitative agglutination	Blood and blood products

Notes

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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