

## MEDICAL LABORATORY ACCREDITATION PROGRAM

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** Département clinique de médecine de laboratoire du CIUSSS de l’Estrie – Centre hospitalier universitaire de Sherbrooke (CHUS) (site Hôpital, CLSC et Centre d'hébergement d'Asbestos)

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<b>SCC File Number:</b>	151198
<b>Provider:</b>	BNQ-EL
<b>Provider File Number:</b>	56569-1
<b>Accreditation Standard(s):</b>	ISO 15189:2012 Medical laboratories – Requirements for quality and competence
<b>Program Specialty Area:</b>	Medical
<b>Initial Accreditation:</b>	2021-12-20
<b>Most Recent Accreditation:</b>	2023-12-20
<b>Accreditation Valid to:</b>	2025-12-20

*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 Fleurimont, 3001, 12<sup>th</sup> Avenue N., Sherbrooke (Québec) J1H 5N4 (CCN N°: 151195/BNQ N°: 56566-1)
- Hôtel-Dieu de Sherbrooke, 580, Bowen St. S., Sherbrooke (Québec) J1G 2E8 (CCN N°: 151196/BNQ N°: 56567-1)
- CSSS de Memphrémagog, 50, Saint-Patrice E. St., Magog (Québec) J1X 3X3 (CCN N°: 151197/BNQ N°: 56568-1)
- CSSS de la MRC-de-Coaticook, 138, Jeanne-Mance St., Coaticook, (Québec) J1A 1W3 (CCN N°: 151199/BNQ N°: 56570-1)
- CSSS du Granit, 3569, Laval St., Lac-Mégantic (Québec) G6B 1A5 (CCN N°: 151200/BNQ N°: 56571-1)
- Hôpital de Granby, 205, Leclerc W. Blvd., Granby (Québec) J2G 1T7 (CCN N°: 151201/BNQ N°: 56572-1)
- Hôpital Brome-Missisquoi-Perkins, 950, Principale St., Cowansville (Québec) J2K 1K3 (CCN N°: 151202/BNQ N°: 56573-1)

## 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

### 07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY

## 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 derived products, urine
		30016 - Alanine aminotransferase (ALT)	Spectrophotometry	Blood and derived products
		30017 - Albumin	Spectrophotometry	Blood and derived products
		30030 - Total amylase	Spectrophotometry	Blood and derived products
		30039 - Prostate-specific antigen (PSA) test	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30060 - Aspartate aminotransferase (AST)	Spectrophotometry	Blood and derived products
		30076 - Lactate acid (by specific electrode)	Electrochemistry	Blood and derived products
		30083 - Bilirubin Direct (conjugated)	Spectrophotometry	Blood and derived products
		30084 - Bilirubin total	Spectrophotometry	Blood and derived products
		30105 - Calcium total	Spectrophotometry	Blood and derived products, urine
		30115 - Chloride	Electrochemistry	Blood and derived products, urine
		30116 - Cholesterol – HDL	Spectrophotometry	Blood and derived products
		30119 - Cholesterol total	Spectrophotometry	Blood and derived products
		30130 - CK total	Spectrophotometry	Blood and derived products
		30132 - Creatinine	Spectrophotometry	Blood and derived products, urine
		30191 - Iron (serum)	Spectrophotometry	Blood and derived products
		30193 - Ferritin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30210 - Gamma glutamyl transferase (GGT)	Spectrophotometry	Blood and derived products
		30212 - Blood Gas (pO <sub>2</sub> , pCO <sub>2</sub> , pH, HCO <sub>3</sub> , COHb, methHb, oxyHb, SulfHb)	Co-oximetry	Blood and derived products
			Electrochemistry	Blood and derived products
		30214 - Glucose	Spectrophotometry	Blood and derived products
30301 - Lactate Dehydrogenase (LD)	Spectrophotometry	Blood and derived products		

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30306 - Triglyceride lipase	<b>Spectrophotometry</b>	Blood and derived products
		30332 - Total magnesium	<b>Spectrophotometry</b>	Blood and derived products, urine
		30337 - Microalbumin (urine)	<b>Immunoassay - turbidimetry</b>	Blood and derived products, urine
		30362 - Osmolality	<b>Cryoscopic Osmometry</b>	Blood and derived products, urine
		30386 - Alkaline Phosphatase	<b>Spectrophotometry</b>	Blood and derived products
		30391 - Phosphate	<b>Spectrophotometry</b>	Blood and derived products, urine
		30398 - Potassium	<b>Electrochemistry</b>	Blood and derived products, urine
		30405 - Total protein (serum)	<b>Spectrophotometry</b>	Blood and derived products
		30412 - C-reactive Protein (CRP) (including ultrasensitive)	<b>Immunoassay - turbidimetry</b>	Blood and derived products
		30478 - Sodium	<b>Electrochemistry</b>	Blood and derived products, urine
		30511 - Transferrin	<b>Enzyme immunoassays (chemiluminescence, EIA and derivatives)</b>	Blood and derived products
		30512 - Triglycerides	<b>Spectrophotometry</b>	Blood and derived products
		30513 - Troponin T or I	<b>Enzyme immunoassays (chemiluminescence, EIA and derivatives)</b>	Blood and derived products
		30531 - Urea	<b>Spectrophotometry</b>	Blood and derived products, urine
		30532 - Urine (microscopic exam)	<b>Microscopic examination including preparation</b>	Urine
		30533 - Urine (summary examination)	<b>Reflectance</b>	Urine
		30553 - Vitamine B12	<b>Enzyme immunoassays (chemiluminescence, EIA and derivatives)</b>	Blood and derived products
	<b>01.2 Biochemistry – hormonal</b>	30241 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (qualitative)	<b>Enzyme immunoassays (chemiluminescence, EIA and derivatives)</b>	Blood and derived products, urine
		30242 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (quantitative)	<b>Enzyme immunoassays (chemiluminescence, EIA and derivatives)</b>	Blood and derived products
		30502 - T4L (free thyroxine)	<b>Enzyme immunoassays (chemiluminescence, EIA and derivatives)</b>	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
	01.4 Biochemistry – medication	30516 - TSH (thyrotropic hormone)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30600 - Acetaminophen (Tylenol®, Tempra®)	Spectrophotometry	Blood and derived products
		30640 - Digoxin (Lanoxin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30760 - Salicylates	Spectrophotometry	Blood and derived products
	01.5 Biochemistry – toxicology	30177 - Ethanol (ethyl alcohol) enzymatic	Spectrophotometry	Blood and derived products
		30851 - Street drugs / strip / drug	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Urine
05.0 HEMATOLOGY	05.2 Hematology – cytology	20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Calculation	Blood and derived products
			Flow cytometry	Blood and derived products
			Spectrophotometry	Blood and derived products
			Fluorescence	Blood and derived products
			Impedance measurement	Blood and derived products
		20362 - Differential formula (manual) (including staining)	Microscopic examination including preparation	Blood and derived products
		20363 - Evaluation of red blood cells and platelets (orientation smear) (including staining)		Blood and derived products
		20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Calculation	Blood and derived products
			Flow cytometry	Blood and derived products
			Spectrophotometry	Blood and derived products
	Fluorescence		Blood and derived products	
	Impedance measurement		Blood and derived products	
	20470 - Reticulocytes (automated)	Calculation	Blood and derived products	
		Flow cytometry	Blood and derived products	
	20490 - Manual sedimentation	Precipitation	Blood and derived products	
	05.5 Hematology – hemostasis	20062 - D-Dimer (automated)	Immunoassay - turbidimetry	Blood and derived products
		20241 - Activated partial thromboplastin time or partial	Coagulometry	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		thromboplastin time + activator (APTT)		
		20243 - Prothrombin time (INR) including fibrinogen derivative	<b>Coagulometry</b>	Blood and derived products
<b>07.0 MICROBIOLOGY</b>	<b>07.1 Microbiology – bacteriology</b>	40101 - Blood culture (1 bottle: aerobic or anaerobic)	<b>Bacterial culture</b>	Blood and derived products
		40102 - Blood culture (2 bottles: aerobic + anaerobic)		

**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](http://www.scc.ca).

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