

## MEDICAL LABORATORY ACCREDITATION PROGRAM

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** Département clinique de médecine de laboratoire de l'Hôpital de Gatineau (site Hôpital de Papineau)

**Contact name:** Zied Ouechteti, Directeur, Clinico-administrative director

**Address:** 155, Maclaren E. St., Gatineau (Québec) J8L 0C2

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<b>SCC File Number:</b>	151210
<b>Provider:</b>	BNQ-EL
<b>Provider File Number:</b>	56722-1
<b>Accreditation Standard(s):</b>	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
<b>Program Specialty Area:</b>	Medical
<b>Initial Accreditation:</b>	2023-12-09
<b>Most Recent Accreditation:</b>	2023-12-09
<b>Accreditation Valid to:</b>	2027-12-09

*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.

- Gatineau Hospital, 909, La Vérendrye W. Blvd., P. O. box 2000, Gatineau (Québec) J8P 7H2 (CCN N°: 151204/BNQ N°: 56716-1)
- Pontiac Hospital, 200, Argue Crescent, Shawville (Québec) J0X 2Y0 (CCN N°: 151205/N° BNQ N°: 56517-1)
- CLSC and Centre d'hébergement de la Petite-Nation, 14, Saint-André St., Saint-André-Avelin (Québec) J0V 1W0 (CCN N°:151206/BNQ N°: 56718-1)
- Hull Hospital, 116, Lionel-Émond Blvd., Gatineau (Québec) J8Y 1W7 (CCN N°: 151207/BNQ N°: 56719-1)
- Maniwaki Hospital, 309, Desjardins Blvd., Maniwaki (Québec) J9E 2E7 (CCN N°: 151208/BNQ N°: 56720-1)
- Wakefield Memorial Hospital, 101, Burnside, Wakefield, La Pêche (Québec) J0X 3G0 (CCN N°: 151209/BNQ N°: 56721-1)

**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 in APPENDIX A

**05.0 HEMATOLOGY**

- 05.2 HEMATOLOGY – CYTOLOGY
- 05.5 HEMATOLOGY – HEMOSTASIS
- 05.7 HEMATOLOGY – IMMUNOLOGY

**06.0 TRANSFUSION MEDICINE**

## DETAILS OF SCOPE OF ACCREDITATION

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30013 - Uric Acid	Enzymatic method	Blood, urine
		30016 - Alanine aminotransferase (ALT)	Enzymatic method	Blood
		30017 - Albumin	Spectrophotometry	Blood
		30029 - Ammoniac	Enzymatic method	Blood
		30030 - Total amylase totale	Enzymatic method	Blood, other biological fluids
		30060 - Aspartate aminotransferase (AST)	Enzymatic method	Blood
		30070 - Glucose by glucometer	Electrochemistry	Blood
		30076 - Lactate acid (by specific electrode)	Electrochemistry	Blood
		30083 - Bilirubin Direct (conjugated)	Spectrophotometry	Blood
		30084 - Bilirubin total	Spectrophotometry	Blood
		30095 - NT-PRO-BNP (Brain Natriuretic Peptide)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30105 - Calcium total	Spectrophotometry	Blood, urine
		30106 - Calcium Ionized	Electrochemistry	Blood
		30115 - Chloride	Electrochemistry	Blood, urine
		30130 - CK total	Enzymatic method	Blood
		30132 - Créatinine	Enzymatic method	Urine, blood
		30190 - Iron (binding capacity) (UIBC or TIBC)	Spectrophotometry	Blood
		30191 - Iron (serum)	Spectrophotometry	Blood
		30193 - Ferritin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30196 - Fructosamine	Spectrophotometry	Blood
		30210 - Gamma glutamyl transferase (GGT)	Enzymatic method	Blood
		30212 - Blood Gas (pO <sub>2</sub> , pCO <sub>2</sub> , pH, HCO <sub>3</sub> , COHb, méthHb, oxyHb, SulfHb)	Electrochemistry	Blood
			Co-oximetry	Blood
30214 - Glucose	Electrochemistry	Blood		

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
			Enzymatic method	Blood, urine, CSF, other biological fluids
		30248 - Glycated hemoglobin (HbA1c)	Immunoassay - turbidimetry	Blood
		30301 - Lactate Dehydrogenase (LD)	Enzymatic method	Blood
		30306 - Lipase	Enzymatic method	Blood
		30332 - Total magnesium	Spectrophotometry	Blood
		30337 - Microalbumin (urine)	Immunoassay - turbidimetry	Urine
		30386 - Alkaline Phosphatase	Spectrophotometry	Blood
		30391 - Phosphate	Spectrophotometry	Blood, urine
		30398 - Potassium	Electrochemistry	Blood, urine
		30404 - Total protein (other fluids)	Spectrophotometry	Urine, blood, CSF
		30405 - Total protein (serum)	Spectrophotometry	Blood, biological fluids
		30412 - C-reactive Protein (CRP) (incling ultrasensitive)	Immunoassay - turbidimetry	Blood
		30471 - Occult Blood Stool (qualitative)	Immunochromatography	Feces
		30478 - Sodium	Electrochemistry	Blood, urine
		30513 - Troponine T or I	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30513 - Troponine T or I	Immunochromatography	Blood
		30531 - Urea	Enzymatic method	Blood, urine
		30532 - Urine (microscopic exam)	Microscopic examination including preparation	Urine
		30533 - Urine (summary examination)	Reflectance	Urine
		30534 - Urine (volume measurement for timed collection)	N/A	Urine
		30553 - Vitamine B12	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
	01.2 Biochemistry – hormonal	30241 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (qualitative)	Immunochromatography	Urine

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30242 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (quantitative)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30502 - T4L (free thyroxine)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30516 - TSH (thyrotropic hormone)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
	01.4 Biochemistry – medication	30600 - Acetaminophen (Tylenol®, Tempra®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30640 - Digoxin (Lanoxin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30692 - Lithium (Li) (Carbolith®, Duralith®, Lithane®)	Spectrophotometry	Blood
		30760 - Salicylates	Enzymatic method	Blood
		30780 - Vancomycine (Vancocin®)	Immunoassay - turbidimetry	Blood
	01.5 Biochemistry – toxicology	30177 - Ethanol (ethyl alcohol)	Enzymatic method	Blood
		30851 - Street drugs / strip / drug	Immunoassay - fluorescence	Urine
	POCT	Glucose	NA	
05.0 HEMATOLOGY	05.2 Hematology – cytology	20320 - Liquid cytology (manual)	Microscopic examination including preparation	CSF, other biological fluids
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Calculation	Blood, other biological fluids
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Impedance measurement	Blood, other biological fluids
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Flow cytometry	Blood, other biological fluids
		20362 - Differential formula (manual) (including staining)	Microscopic examination including preparation	Blood
		20363 - Evaluation of red blood cells and platelets (orientation smear) (including staining)	Microscopic examination including preparation	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)	
		20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Calculation	Blood	
		20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Flow cytometry	Blood	
		20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Impedance measurement	Blood	
		20470 - Reticulocytes (automated)	Calculation	Blood	
		20470 - Reticulocytes (automated)	Flow cytometry	Blood	
		20470 - Reticulocytes (automated)	Impedance measurement	Blood	
		20381 - Automated sedimentation	Precipitation (sedimentation)	Blood	
	05.5 Hematology – hemostasis	20062 - D-Dimer (automated)	Immunoassay - turbidimetry	Blood	
		20241 - Activated partial thromboplastin time or partial thromboplastin time + activator (APTT)	Coagulometry	Blood	
		20243 - Prothrombin time (INR) including derived fibrinogen.	Coagulometry	Blood	
	05.7 Hematology – immunology	20774 - Cryoglobulins (qualitative)	Precipitation	Blood	
	06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10000-Cold agglutinins (screening) (qualitative) including autocontrols	Immunological haemagglutination method and derivative	Blood
			10007 - Irregular antibodies (manual identification)	Immunological haemagglutination method and derivative	Blood
10024 - Compatibility (manual or automated)			Immunological haemagglutination method and derivative	Blood	
10032 - Multispecific or monospecific direct coombs (tube technique) (manual)			Immunological haemagglutination method and derivative	Blood	
10034 - Polyspecific or monospecific direct coombs (gel technique) (manual)			Immunological haemagglutination method and derivative	Blood	

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		10086 - ABO-Rh blood type (manual)	Immunological haemagglutination method and derivative	Whole blood
		10136 - Common erythrocyte phenotype (patient or product / by antigen / excluding ABO, D / including controls) (manual)	Immunological haemagglutination method and derivative	Blood
		10137 - Rare erythrocyte phenotype (patient or product / by antigen / including controls) (manual)	Immunological haemagglutination method and derivative	Blood
		10150 - Irregular antibodies (manual search)	Immunological haemagglutination method and derivative	Blood
		10730 - ABO and D Re-Typing	Immunological haemagglutination method and derivative	Blood

### Notes

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

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Elias Rafoul  
 Vice President, Accreditation Services  
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**APPENDIX A  
SITES UNDER THE RESPONSIBILITY OF THE ACCREDITED LABORATORY**

**Département clinique de médecine de laboratoire  
de l'Hôpital de Gatineau (site Hôpital de Papineau)  
155 Maclaren East Street  
Gatineau (Québec) J8L 0C2**

Sites	Address	Glucose
CLSC Val des Bois	601, route 309, P. O. Box 126, Val-des-Bois, (Québec) J0X 3C0	X
CLSC Vallée de la lièvre	578, Maclaren E. Street, Gatineau (Québec) J8L 2V9	X