

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 Maniwaki)

Contact name: Zied Ouechteti, clinico-administrative director

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SCC File Number:	151208
Provider:	BNQ-EL
Provider File Number:	56720-1
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:	2023-12-09
Most Recent Accreditation:	2023-12-09
Accreditation Valid to:	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 Vérendry W. Blvd., Gatineau (Québec) J8P 7H2 (CCN N°: 151204/BNQ N°: 56716-1)
- Pontiac Hospital, 200, Argue Crescent, Shawville (Québec) J0X 2Y0 (CCN N°: 151205/ 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)
- Wakefield Memorial Hospital, 101, Burnside, Wakefield, La Pêche (Québec) J0X 3G0 (CCN N°: 151209/BNQ N°: 56721-1)
- Papineau Hospital, 155, Maclaren E. St. Gatineau (Québec) J8L 0C2 (CCN N°: 151210/BNQ N°: 56722-1)

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

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	30009 - Folic acid (folates)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30010 - Lactic acid (colorimetric)	Enzymatic method	Blood
		30013 - Uric Acid	Enzymatic method	Blood, urine
		30016 - Alanine aminotransferase (ALT)	Enzymatic method	Blood
		30017 - Albumin	Reflectance	Blood, urine, biological fluids
		30038 - Carcinoembryonic antigen (CEA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30039 - Prostate-specific antigen (PSA) test	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30060 - Aspartate aminotransferase (AST)	Spectrophotometry	Blood
		30070 - Glucose by glucometer	Electrochemistry	Whole blood
		30083 - Bilirubin Direct (conjugated)	Reflectance	Blood
		30084 - Bilirubin total	Reflectance	Blood
		30105 - Calcium total	Reflectance	Blood, urine
		30106 - Calcium Ionized	Electrochemistry	Blood
		30115 - Chloride	Electrochemistry	Blood
		30116 - Cholesterol – HDL	Enzymatic method	Blood
		30119 - Cholesterol total	Enzymatic method	Blood
		30130 - CK total	Enzymatic method	Blood
		30132 - Créatinine	Enzymatic method	Blood, urine
		30153 - Single refractometric density (excl. strips)	Refractometry	Biological fluids
		30191 - Iron (serum)	Reflectance	Blood
30193 - Ferritin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood		
30210 - Gamma glutamyl transferase (GGT)	Reflectance	Blood		

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, métHb, oxyHb, SulfHb)	Co-oximetry	Whole blood
		30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, métHb, oxyHb, SulfHb)	Electrochemistry	Whole blood
		30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, métHb, oxyHb, SulfHb)	Calculation	Whole blood
		30214 - Glucose	Enzymatic method	Blood, urine, CSF, biological fluids
		30248 - Glycated hemoglobin (HbA1c)	Immunoassay - turbidimetry	Whole blood
		30301 - Lactate Dehydrogenase (LD)	Reflectance	Blood, biological fluid
		30306 - Lipase	Enzymatic method	Blood
		30332 - Total magnesium	Spectrophotometry	Blood, urine
		30337 - Microalbumin (urine)	Immunoassay - turbidimetry	Urine
		30362 - Osmolality	Cryoscopic Osmometry	Blood, urine
		30383 - pH (biological fluid)	Electrochemistry	Biological fluid
		30386 - Alkaline Phosphatase	Reflectance	Blood
		30391 - Phosphate	Reflectance	Blood, urine
		30398 - Potassium	Electrochemistry	Blood, urine
		30404 - Total protein (other fluids)	Spectrophotometry	CSF
		30405 - Total protein (serum)	Reflectance	Blood, biological fluid
		30412 - C-reactive Protein (CRP) (incling ultrasensitive)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30471 - Occult Blood Stool (qualitative)	Immunochromatography	Feces
		30478 - Sodium	Electrochemistry	Blood, urine
		30511 - Transferrin	Immunoassay - turbidimetry	Blood
		30512 - Triglycerides	Enzymatic method	Blood
		30513 - Troponine T or I	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30531 - Urea	Enzymatic method	Blood, urine

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)	
		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)	Immunoassay	Urine	
		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®)	Enzymatic method	Blood	
		30640 - Digoxin (Lanoxin®)	Immunoassay - colorimetry	Blood	
		30692 - Lithium (Li) (Carbolith®, Duralith®, Lithane)	Reflectance	Blood	
		30760 - Salicylates	Enzymatic method	Blood	
		30780 - Vancomycine (Vancocin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
	01.5 Biochemistry – toxicology	30177 - Ethanol (ethyl alcohol) enzymatic	Enzymatic method	Blood	
		30851 - Street drugs / strip / drug	Immunoassay - fluorescence	Urine	
	POCT	Glucometer	NA	Blood	
		CoaguChek	NA	Blood	
	05.0 HEMATOLOGY	05.2 Hematology – cytology	20320 - Liquid cytology (manual)	Microscopic examination including preparation	CSF, biological fluids
			20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Calculation	Whole blood, biological fluids

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Flow cytometry	Whole blood, biological fluids
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Impedance measurement	Whole blood, biological fluids
		20362 - Differential formula (manual) (including staining)	Microscopic examination including preparation	Whole blood
		20363 - Evaluation of red blood cells and platelets (orientation smear) (including staining)	Microscopic examination including preparation	Whole blood
		20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Calculation	Whole blood
		20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Flow cytometry	Whole blood
		20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Impedance measurement	Whole blood
		20470 - Reticulocytes (automated)	Calculation	Blood
		20470 - Reticulocytes (automated)	Flow cytometry	Blood
		20470 - Reticulocytes (automated)	Impedance measurement	Blood
		20490 - Manual sedimentation	Sedimentation	Blood
	05.5 Hematology – hemostasis	20044- Cryofibrinogen	Manual technique and visual reading	Blood
		20061 - D-Dimer (ELISA)	Immunoassay - fluorescence	Blood
		20102 - Fibrinogen (active)	Coagulometry	Blood
		20241 - Activated partial thromboplastin time or partial thromboplastin time + activator (APTT)	Coagulometry	Blood
		20243 - Prothrombin time (INR) including derived fibrinogen.	Coagulometry	Blood
		20243 - Prothrombin time (INR) including derived fibrinogen.	Electrochemistry	Blood
		20774- Cryoglobulins	Manual technique and visual reading	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10000-Cold agglutinins (screening) (qualitative) including autocontrols	Immunological method of hemagglutination and derivative	Blood
		10007 - Irregular antibodies (manual identification)	Immunological method of hemagglutination and derivative	Blood
		10024 - Compatibility (manual or automated)	Immunological method of hemagglutination and derivative	Blood
		10032 - Coombs direct polyspecific or monospecific tube technique (manual)	Immunological method of hemagglutination and derivative	Whole blood
		10034 - Coombs direct gel technique	Immunological method of hemagglutination and derivative	Whole blood
		10086 - ABO-Rh blood type (manual)	Immunological method of hemagglutination and derivative	Whole blood
		10136 - Common erythrocyte phenotype (patient or product / by antigen / excluding ABO, D / including controls) (manual)	Immunological method of hemagglutination and derivative	Whole blood
		10137 - Rare erythrocyte phenotype (patient or product / by antigen / including control) (manual)	Immunological method of hemagglutination and derivative	Whole blood
		10150 - Irregular antibodies (manual search)	Immunological method of hemagglutination 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.

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 Maniwaki)
309, Desjardins boulevard, Maniwaki (Québec) J9E 2E7**

Sites	Address	Glucometer	HCG
MGRA	12-A, Principale Street, P. O. Box 311, Gracefield, (Québec) J0X1W0	x	
MCLSC	149, principale Nord Street, Maniwaki, (Québec) J9E 2B7	x	x
MLOW	334, route 105, P. O. Box 130, Low, (Québec) J0X 2C0	x	
MMADG	12-A, Principale, Street, P. O. Box 311, Gracefield, (Québec) J0X1W0	x	
MFOYM	177, des Oblats Street, Maniwaki (Québec) J9E 1G5	x	
MFOYG	1, du Foyer Street, P. O. Box 317, Gracefield (Québec) J0X 1W0	x	