

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 Hull)

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

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SCC File Number:	151207
Provider:	BNQ-EL
Provider File Number:	56719-1
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 Vérendrye W. Blvd., Gatineau (Québec) J8P 7H2 (CCN N°: 151204/BNQ N°: 56716-1)

- Pontiac Hospital, 200, Argue Crescent, P. O. Box 280, 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)

- Maniwaki Hospital, 309, Desjardins boulevard, 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)

- Papineau Hospital, 155, Maclaren Street East, 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
- 01.3 BIOCHEMISTRY – IMMUNOLOGY
- 01.4 BIOCHEMISTRY – MEDICATION

02.0 MOLECULAR BIOLOGY

- 02.3 MOLECULAR DIAGNOSIS – INFECTIOUS DISEASES

05.0 HEMATOLOGY

- 05.1 HEMATOLOGY – CYTOCHEMISTRY
- 05.2 HEMATOLOGY – CYTOLOGY
- 05.5 HEMATOLOGY – HEMOSTASIS

SCOPE OF ACCREDITATION

06.0 TRANSFUSION MEDICINE

08.0 ANATOMICAL PATHOLOGY

08.1 PATHOLOGY – CLINICAL

08.3 PATHOLOGY – CYTOLOGY

DETAILS OF SCOPE OF ACCREDITATION

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30005 - Beta-hydroxybutyrate (whole blood)	Electrochemistry	Blood
		30009 - Folic acid (folates)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30010 - Lactic acid (colorimetric)	Spectrophotometry	Blood, CSF
		30013 - Uric Acid	Spectrophotometry	Blood, urine
		30016 - Alanine aminotransferase (ALT)	Spectrophotometry	Blood
		30017 - Albumin	Reflectance	Blood, other biological fluids
		30022 - Alpha-fetoprotein (AFP)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30029 - Ammoniac	Reflectance	Blood
		30030 - Total amylase totale	Reflectance	Blood, urine, biological fluid
		30038 - Carcinoembryonic antigen (CEA)	Enzyme immunoassays (EIA and derivatives)	Blood
		30039 - Prostate-specific antigen (PSA) test	Enzyme immunoassays (EIA and derivatives)	Blood
		30060 - Aspartate aminotransferase (AST)	Spectrophotometry	Blood
		30070 - Glucose by glucometer	Electrochemistry	Blood
		30076 - Lactate acid (by electrochemistry)	Electrochemistry	Blood
		30078 - Procalcitonin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30079 - Urine (microscopic examination) (automated)	Automated microscopy, automatic image evaluation	Urine
		30083 - Bilirubin Direct (conjugated)	Reflectance	Blood
		30084 - Bilirubin total	Reflectance	Blood
		30095 - NT-PRO-BNP (Brain Natriuretic Peptide)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30100 - CA 125	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30105 - Calcium total	Reflectance	Blood, urine
		30106 - Calcium Ionized	Electrochemistry	Blood
		30115 - Chloride	Electrochemistry	Blood, urine
		30116 - Cholesterol – HDL	Spectrophotometry	Blood
		30119 - Cholesterol total	Spectrophotometry	Blood and derived products, CSF, urine
		30130 - CK total	Spectrophotometry	Blood
		30132 - Créatinine	Spectrophotometry	Urine, blood biological fluid
		30133 - Cristaux (synovial fluid)	Microscopic examination including preparation	synovial fluid
		30191 - Iron (serum)	Reflectance	Blood
		30177 - Ethanol (ethyl alcohol)	Spectrophotometry	Blood and derived products, CSF, urine
		30193 - Ferritin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30210 - Gamma glutamyl transferase (GGT)	Reflectance	Blood
		30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, méTHb, oxyHb, SulfHb)	Specific electrode	Blood
			Co-oximetry	Blood
			Calculation	Blood
		30214 - Glucose	Spectrophotometry	Blood, urine, CSF, other biological fluids
		30233 - Hemosiderin (urine)	Microscopic examination including preparation	Urine
		30235 - Homocystein (immuno-enzymatic)	Spectrophotometry	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30301 - Lactate Dehydrogenase (LD)	Reflectance	Blood, biological fluids
		30306 - Lipase	Spectrophotometry	Blood
		30332 - Total magnesium	Spectrophotometry	Blood, urine
		30337 - Microalbumin (urine)	Immunoassay - turbidimetry	Urine
		30360-Oestradiol-17B	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products, urine
		30362 - Osmolality	Cryoscopic Osmometry	Blood, urine
		30383 - pH (biological fluid)	Specific electrode	Biological fluid
		30386 - Alkaline Phosphatase	Reflectance	Blood
		30391 - Phosphate	Reflectance	Blood, urine
		30412 - C-reactive Protein (CRP) (incling ultrasensitive)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30471 - Occult Blood Stool (qualitative)	Immuno-chomatography	Feces
		30473 - Stool (microscopic exam, fat, starch, fibers) (qualitative)	Microscopic examination including preparation	Feces
		30478 - Sodium	Specific electrode	Blood, urine
		30511 - Transferrin	Immunoassay - turbidimetry	Blood
		30512 - Triglycerides	Spectrophotometry	Blood and derived products, urine
		30513 - Troponine T or I	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30531 - Urea	Spectrophotometry	Blood, urine
		30532 - Urine (microscopic exam)	Visual reading	Urine
		30533 - Urine (summary examination)	Reflectance	Urine
		30534 - Urine (volume measurement for timed collection)	Visual reading	Urine
	01.2 Biochemistry – hormonal	30553 - Vitamine B12	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30556 - Vitamine D 25 OH	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30128 - Serum or urine cortisol without extraction	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood, urine
		30151 - Dehydroepiandrosterone sulfate (DHEA-S)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30240 - Follicle-stimulating hormone (FSH)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30241 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (qualitative)	Immuno-chomatography	Urine
		30242 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (quantitative)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30243 - Luteinizing Hormone (LH)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30244 - Parathyroid hormone (PTH)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30360 - Estradiol-17B	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30400 - Progesterone	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30402 - Prolactin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30477 - Sex hormone binding globulin (SHBG)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30500 - T3 total (total triiodothyronine) or free	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30502 - T4L (free thyroxine)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30506 - Testosterone total	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		30516 - TSH (thyrotropic hormone)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)	
		30048 - Anti-thyroperoxidase (anti-TPO)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
	01.3 Biochemistry – immunology	40800 - RA (rheumatoid factor)	Immunoassay - agglutination	Blood	
	01.4 Biochemistry – medication	30600 - Acetaminophen (Tylenol®, Tempra®)	Spectrophotometry	Blood	
		30601 - Valproic acid (Depakène®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30630 - Carbamazepine (Tegretol®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30631 - Cyclosporine (Neoral®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30640 - Digoxin (Lanoxin®)	Immunoassay - colorimetry	Blood	
		30671 - Gentamicine (Garamycine®)	Immunoassay - agglutination	Blood	
		30671 - Gentamicine (Garamycine®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30692 - Lithium (Li) (Carbolith®, Duralith®, Lithane®)	Reflectance	Blood	
		30730 - Phenobarbital	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30731 - Phenytoin (Dilantin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30760 - Salicylates	Spectrophotometry	Blood	
		30770 - Tacrolimus (FK-506) (Prograf®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30771 - Théophylline (Uniphyl®, Quibron®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30773 - Tobramycine (Nebcin®, Tobrex®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		30780 - Vancomycine (Vancocin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood	
		POCT	Accu-chek Inform II Glucomètre	NA	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		Hémochron Response	NA	Blood
		Hémocue Hb201+	NA	Blood
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45033 - Coronavirus (SARS-CoV-2; COVID-19); detection (TAAN) (rapid test, certified kit) on clinical samples	Detection of nucleic acids	Blood and blood products, CSF, fresh tissue
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	20993 - Bone marrow (fixation without staining)	Preparation	Bone marrow
	05.2 Hematology – cytology	20320 - Liquid cytology (manual)	Microscopic examination including preparation	CSF
		20321 - Fluid cytology with cytospin	Microscopic examination including preparation	Biological fluid
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Calculation	Blood, biological fluids
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Flow cytometry	Blood, biological fluids
		20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Impedance measurement	Blood, biological fluids
		20362 - Differential formula (manual) (including staining)	Microscopic examination including preparation	Blood smear
		20363 - Evaluation of red blood cells and platelets (orientation smear) (including staining)	Microscopic examination including preparation	Blood smear
		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
		20490 - Manual sedimentation	Sedimentation	Blood
		05.5 Hematology – hemostasis	20044 - Cryofibrinogen	Precipitation

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		20062 - D-Dimer (automated)	Immunoassay - turbidimetry	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
		20248 - Thrombin time (TT)	Chronometric method	Blood
		20003 - Anticardiolipin (IgG or IgM)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		20682 - Anti-DNA (EIA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		20684 - Anti-parietal cells	Immunofluorescence	Blood
		20702 - Anti-mitochondria	Immunofluorescence	Blood
		20702 - Anti-mitochondria	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		20703 - Anti-smooth muscle	Immunofluorescence	Blood
		20703 - Anti-smooth muscle	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		20705 - Anti-myeloperoxidase (anti-MPO)	Immunofluorescence	Blood
		20705 - Anti-myeloperoxidase (anti-MPO)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		20709 - Anti-proteinase 3 (anti-PR3)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		20709 - Anti-proteinase 3 (anti-PR3)	Immunofluorescence	Blood
		20717 - Anti-nuclears (ANA) (immunofluorescence screening) (per dilution)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		20717 - Anti-nuclears (ANA) (immunofluorescence screening) (per dilution)	Immunofluorescence	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		20719 - Anti-nuclear (ENA) (screening by EIA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood
		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
		10002 - Cold agglutinins (titration) (quantitative) (autocontrols included)	Immunological haemagglutination method and derivative	Blood
		10003 - Allo or auto adsorption (hot or cold)	Immunological haemagglutination method and derivative	Blood
		10007 - Irregular antibodies (manual identification)	Immunological haemagglutination method and derivative	Blood
		10008 - Hot allo or auto adsorption	Immunological haemagglutination method and derivative	Blood
		10009 - Allo or cold auto adsorption	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
		10060 - Elution (including identification on eluate)	Immunological haemagglutination method and derivative	Blood
		10086 - ABO-Rh blood type (manual)	Immunological haemagglutination method and derivative	Blood
		10115 - Weak Rh Investigation	Immunological haemagglutination method and derivative	Blood
		10136 - Common erythrocyte phenotype (patient or product / by antigen / excluding ABO, D / including controls) (manual)	Immunological haemagglutination method and derivative	Blood

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		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
		10170-Antibody titration (per antibody) (including titration on previous serum)	Immunological haemagglutination method and derivative	Blood
		10730 - ABO and D Re-Typing	Immunological haemagglutination method and derivative	Blood
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Autopsies; ultrastructural morphological observation of tissue and cell constituents; assessment of the proportion of specific constituents/antigens/enzymes	Microscopic examination including preparation	Fresh tissue
	08.3 Pathology cytology	Morphological observation of cell components	Microscopic examination including preparation	Cells, secretions

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.

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