

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory: Département clinique de médecine de laboratoire du Centre universitaire de santé de McGill (CUSM) (Site Hôpital de Rouyn-Noranda)

Contact name: Enzo Caprio, Clinico-administrative Director

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SCC File Number:	151118
Provider:	BNQ-EL
Provider File Number:	56685-1
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:	2020-06-10
Most Recent Accreditation:	2024-05-07
Accreditation Valid to:	2028-06-10

*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.

- Département clinique de médecine de laboratoire du SITE GLEN, 1001, Décarie St., Montréal (Québec) H4A 3J1 (CCN No.: 151112/ BNQ No.: 56679-1)
- Pavillon Sainte-Famille, 22, Notre-Dame North St., Ville-Marie (Québec) J9V 1W8 (CCN No.: 151113/BNQ No.: 56680-1)
- CLSC de Senneterre, 961, de la Clinique St., Senneterre (Québec) J0Y 2M0 (CCN No.: 151114/BNQ No.: 56681-1)
- Centre de soins de courte durée La Sarre, 679, 2nd Street East, La Sarre (Québec) J9Z 2X7 (CCN No.: 151115/BNQ No.: 56682-1)
- Hôpital et Centre de réadaptation en dépendance de Val-d'Or, 725, 6th Street, Val-d'Or (Québec) J9P 3Y1 (CCN No.: 151116/BNQ No.: 56683-1)
- Hôpital d'Amos, 622, 4th Street West, Amos (Québec) J9T 2S2 (CCN No.: 151117/BNQ No.: 56684-1)
- Point de service de Témiscaming-et-de-Kipawa, 180, Anvik St., Témiscaming (Québec) J0Z 3R0 (CCN No.: 151119/BNQ No.: 56686-1)
- Centre hospitalier de St. Mary's, 3830, Lacombe Ave., Montréal (Québec) H3T 1M5 (CCN No.: 151120/BNQ No.: 56687-1)
- Hôpital de LaSalle, 8585, Champlain, Montréal (Québec) H8P 1C1 (CCN No.: 151121/BNQ No.: 56688-1)
- Hôpital général du Lakeshore, 160, Stillview Ave., Pointe-Claire (Québec) H9R 2Y2 (CCN No.: 151122/BNQ No.: 56689-1)
- Hôpital général juif, 3755, Côte-Sainte-Catherine, Montréal (Québec) H3T 1E2 (CCN No.: 151123/BNQ No.: 56690-1)
- Hôpital général de Montréal, 1650, Cedar Ave., Montréal (Québec) H3G 1A4 (CCN No.: 151124/BNQ No.: 56691-1)
- Hôpital de Lachine, 650, 16th Avenue, Montréal (Québec) H8S 3N5 (CCN No.: 151125/BNQ No.: 56692-1)
- Institut et Hôpital neurologiques de Montréal, 3801, University St., Montréal (Québec) H3A 2B4 (CCN No.: 151168/BNQ No.: 58265-1)

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.

02.0 MOLECULAR BIOLOGY

- 02.3 MOLECULAR DIAGNOSIS – INFECTIOUS DISEASES

SCOPE OF ACCREDITATION

05.0 HEMATOLOGY

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

06.0 TRANSFUSION MEDICINE

07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY
- 07.2 MICROBIOLOGY – IMMUNOSEROLOGY
- 07.3 MICROBIOLOGY – MYCOBACTERIOLOGY
- 07.4 MICROBIOLOGY – MYCOLOGY
- 07.5 MICROBIOLOGY – PARASITOLOGY

08.0 ANATOMICAL PATHOLOGY

- 08.1 PATHOLOGY – CLINICAL
- 08.2 PATHOLOGY – FERTILITY

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 and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30010 - Lactic acid (colorimetric)	Spectrophotometry	Blood and derived products, biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30013 - Uric Acid	Spectrophotometry	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30016 - Alanine aminotransferase (ALT)	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30017 - Albumin	Spectrophotometry	Blood and derived products, urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30029 - Ammoniac	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30030 - Total amylase	Spectrophotometry	Blood and derived products, other biological fluids

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30038 - Carcinoembryonic antigen (CEA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30039 - Prostate-specific antigen (PSA) test	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30060 - Aspartate aminotransferase (AST)	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30080 - beta-2-microglobulin	Nephelometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30082 - Beta-Hydroxybutyrate (quantitative)	Electrochemistry	Whole blood
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30083 - Bilirubin Direct (conjugated)	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30084 - Bilirubin total	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30095 - NT-PRO-BNP (Brain Natriuretic Peptide)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30100 - CA-125	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30101 - CA-15-3	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30102 - CA-19-9	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30105 - Calcium total	Spectrophotometry	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30106 - Calcium Ionized	Electrochemistry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30115 - Chloride	Electrochemistry	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30116 - Cholesterol - HDL	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30119 - Cholesterol total	Spectrophotometry	Blood and derived products, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30130 - CK total	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30132 - Creatinine	Spectrophotometry	Urine, blood and derived products, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30133 - Crystals (synovial fluid)	Microscopic examination including preparation	Biological fluid
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30191 - Iron (serum)	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30193 - Ferritin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30194 - Preterm labor test (fetal fibronectin)	Reflectance	Biological fluid
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30210 - Gamma glutamyl transferase (GGT)	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, methHb, oxyHb, SulfHb)	Calculation	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, methHb, oxyHb, SulfHb)	Co-oximetry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, methHb, oxyHb, SulfHb)	Electrochemistry	Blood and derived products, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, methHb, oxyHb, SulfHb)	Spectrophotometry	Blood and derived products, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30214 - Glucose	Spectrophotometry	Blood and derived products, urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30248 - Glycated hemoglobin (HbA1c)	Immunoassay - turbidimetry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30273 - Immunoglobulin IgA	Nephelometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30277 - Immunoglobulin IgG	Nephelometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30279 - Immunoglobulin IgM	Nephelometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30301 - Lactate Dehydrogenase (LD)	Spectrophotometry	Blood and derived products, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30306 - Triglyceride lipase	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30332 - Total magnesium	Spectrophotometry	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30337 - Microalbumin (urine)	Nephelometry	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30340 - Myoglobin (urine)	Reflectance	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30362 - Osmolality	Cryoscopic Osmometry	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30386 - Alkaline Phosphatase	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30391 - Phosphate	Spectrophotometry	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30398 - Potassium	Electrochemistry	Blood and derived products, urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30399 - Prealbumin	Immunoassay - turbidimetry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30404 - Total protein (other fluids)	Spectrophotometry	Urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30405 - Total protein (serum)	Spectrophotometry	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30412 - C-reactive Protein (CRP) (including ultrasensitive)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30470 - Blood in biological fluids (qualitative)	Visual reading	Biological fluid
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30471 - Occult Blood Stool (qualitative)	Visual reading	Feces
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30474 - Feces (24-hour weight measurement)	Visual reading	Feces
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30478 - Sodium	Electrochemistry	Blood and derived products, urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30511 - Transferrin	Immunoassay - turbidimetry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30512 - Triglycerides	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30513 - Troponin T or I	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30517 - Sweat (chloride assay) (titration)	Electrochemistry	Sweat
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30531 - Urea	Spectrophotometry	Blood and derived products, urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30532 - Urine (microscopic exam)	Microscopic examination including preparation	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30533 - Urine (summary examination)	Visual reading	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	30553 - Vitamin B12	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	30241 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (qualitative)	Reflectance	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	30242 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (quantitative)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	30502 - T4L (free thyroxine)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	30516 - TSH (thyrotropic hormone)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30600 - Acetaminophen (Tylenol®, Tempra®)	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30601 - Valproic acid (Depakène®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30630 - Carbamazepine (Tegretol®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30640 - Digoxin (Lanoxin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30671 - Gentamicin (Garamycin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30692 - Lithium (Li) (Carbolith®, Duralith®, Lithane®)	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30730 - Phenobarbital	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30731 - Phenytoin (Dilantin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30760 - Salicylates	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30771 - Théophylline (Uniphy®®, Quibron®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30773 - Tobramycin (Nebcin®, Tobrex®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	30780 - Vancomycin (Vancocin®)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.5 Biochemistry – toxicology	30177 - Ethanol (ethyl alcohol) enzymatic	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.5 Biochemistry – toxicology	30851 - Street drugs / strip / drug	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Urine
01.0 BIOCHEMISTRY	POCT	30070 - Glucose by glucometer	Electrochemistry	Blood and derived products
01.0 BIOCHEMISTRY	POCT	30212 - Blood Gas (pO ₂ , pCO ₂ , pH)	Calculation, co-oximetry, electrochemistry, spectrophotometry	Blood and derived products
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45018 - Chlamydia trachomatis and Neisseria gonorrhoeae (NAAT) on urine specimen	Detection of nucleic acids	Urine
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45020 - Chlamydia trachomatis and Neisseria gonorrhoeae (NAAT) on extra-genital specimen	Detection of nucleic acids	Clinical sample

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45022 - Chlamydia trachomatis and Neisseria gonorrhoeae (NAAT) on genital specimen	Detection of nucleic acids	Clinical sample
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45031 - Coronavirus (SARS-CoV-2); detection (NAAT) (certified kit) on clinical specimen	Detection of nucleic acids	Clinical sample
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45033 - Coronavirus (SARS-CoV-2); detection (NAAT) (rapid test, certified kit) on clinical samples	Detection of nucleic acids	Clinical sample
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45051 - Coronavirus (SARS-CoV-2), Influenza A and B and RSV; detection (NAAT) (multiplex) (certified kit) on clinical specimen	Detection of nucleic acids	Clinical sample
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45055 - Coronavirus (SARS-CoV-2) and respiratory viruses; multiplex detection of 8 to 23 viruses (NAAT) (multiplex) (certified kit) on clinical specimen	Detection of nucleic acids	Clinical sample
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45077 - Meningoencephalitis; multiplex detection of 14 pathogens: 6 bacteria, 7 viruses and one yeast (NAAT) (multiplex) in cerebrospinal fluid (CSF)	Detection of nucleic acids	CSF
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45131 - Respiratory viruses multiplex detection of 3 viruses (influenza A, influenza B and RSV) (NAAT) (multiplex) (certified kit) on clinical specimen	Detection of nucleic acids	Clinical sample
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	10021 - Fetal cells (quantitative) (Kleihauer)	Microscopic examination including preparation	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20320 - Liquid cytology (manual)	Microscopic examination including preparation	CSF
05.0 HEMATOLOGY	05.2 Hematology – cytology	20321 - Fluid cytology with cytopsin	Microscopic examination including preparation	Biological fluids
05.0 HEMATOLOGY	05.2 Hematology – cytology	20342 - Eosinophils (nasal secretions or urine)	Microscopic examination including preparation	Urine
05.0 HEMATOLOGY	05.2 Hematology – cytology	20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Calculation	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Flow cytometry	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
05.0 HEMATOLOGY	05.2 Hematology – cytology	20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Fluorescence	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Impedance measurement	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20362 - Differential formula (manual) (including staining)	Microscopic examination including preparation	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20363 - Evaluation of red blood cells and platelets (orientation smear) (including staining)	Microscopic examination including preparation	Whole blood
05.0 HEMATOLOGY	05.2 Hematology – cytology	20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Calculation	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Flow cytometry	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Fluorescence	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Impedance measurement	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20470 - Reticulocytes (automated)	Calculation	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20470 - Reticulocytes (automated)	Flow cytometry	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20470 - Reticulocytes (automated)	Fluorescence	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20470 - Reticulocytes (automated)	Impedance measurement	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	20490 - Manual sedimentation	Precipitation	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	20061 - D-Dimer (ELISA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	20062 - D-Dimer (automated)	Immunoassay - turbidimetry	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	20102 - Fibrinogen (active)	Coagulometry	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	20240 - Activated partial thromboplastin time (APTT) or thrombin time (TT) or prothrombin time (PT) (INR) on 50/50 mixture	Coagulometry	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	20241 - Activated partial thromboplastin time or partial thromboplastin time + activator (APTT)	Coagulometry	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	20243 - Prothrombin time (INR) including fibrinogen derivative	Coagulometry	Blood and derived products
05.0 HEMATOLOGY	05.7 Hematology – immunology	20717 - Anti-nuclears (ANA) (immunofluorescence screening) (per dilution)	Microscopic examination including preparation	Blood and derived products
05.0 HEMATOLOGY	05.7 Hematology – immunology	20774 - Cryoglobulins (qualitative)	Precipitation	Blood and derived products
05.0 HEMATOLOGY	05.7 Hematology – immunology	20776 - Complement C3 (antigen)	Nephelometry	Blood and derived products
05.0 HEMATOLOGY	05.7 Hematology – immunology	20777 - Complement C4 (antigen)	Nephelometry	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10007 - Irregular antibodies (manual identification)	Immunological method of hemagglutination and derivative	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10024 - Compatibility (manual or automated)	Immunological method of hemagglutination and derivative	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10027 - Direct Coombs polyspecific or monospecific (manual)	Immunological method of hemagglutination and derivative	Blood and derived products, cells
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10060 - Elution (including identification on eluate)	Immunological method of hemagglutination and derivative	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10086 - ABO-Rh blood type (manual)	Immunological method of hemagglutination and derivative	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10136 - Common erythrocyte phenotype (patient or product / by antigen / excluding ABO, D / including controls) (manual)	Immunological method of hemagglutination and derivative	Blood and derived products, cells
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10150 - Irregular antibodies (manual search)	Immunological method of hemagglutination and derivative	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	10170 - Antibody titration (per antibody) (including titration on previous serum)	Immunological method of hemagglutination and derivative	Blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40007 - Clostridium difficile (Ag) glutamate dehydrogenase (membrane ELISA) (rapid test) (stool)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Feces
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40020 - Multi-resistant gram-negative bacteria (bêta-	Bacterial culture	Clinical sample

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		lactamase-ESBL, carbapenemase) (screening)		
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40021 - Helicobacter pylori (culture on gastric biopsy)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40026 - Semi-quantitative culture from a primary specimen (bronchoscopy)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40047 - Minimum inhibitory concentration (MIC) microplate/automated card (per bacterium)	Phenotypic determination: sensitivity tests	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40048 - Minimum inhibitory concentration (MIC) (strip) (per antibiotic and per bacterium)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40049 - Semi-quantitative culture from a primary specimen (catheter)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40063 - Vancomycin-resistant Enterococcus (VRE) (specific culture) (chromogenic agar screening)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40065 - Microbial identification from a primary specimen (expectorations)	Bacterial culture	Secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40080 - Strepto A, C, G or beta-hemolytic culture from a primary specimen (throat)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40101 - Blood culture (1 bottle: aerobic or anaerobic)	Bacterial culture	Blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40102 - Blood culture (2 bottles: aerobic + anaerobic)	Bacterial culture	Blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40125 - Identification of a micro-organism to genus or species (API galleries)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40126 - Identification of a micro-organism to genus and/or species (identification cards on automated systems such as VITEK®, Phoenix® or MicroScan®)	Phenotypic determination: biochemical characterization	Isolate
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40127 - Orientation tests prior to identification of a micro-organism	Phenotypic determination: biochemical characterization	Isolate
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40130 - Gram staining	Microscopic examination including preparation	Clinical sample

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40140 - Kirby Bauer (per bacterium) (diffusion antibiogram)	Phenotypic determination: sensitivity tests	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40164 - Detection of microorganisms on primary specimen (cerebrospinal fluid (CSF)) (culture)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40165 - Detection of microorganisms on primary specimen (biological fluid (other than CSF)) (culture)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40200 - Neisseria gonorrhoeae (culture) (all sites)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40220 - Detection of microorganisms on primary specimen (ear or external auditory canal) (culture)	Bacterial culture	Secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40242 - Detection of microorganisms on primary specimen (deep pus) (with search for anaerobes, including actinomyces)	Bacterial culture	Secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40243 - Detection of microorganisms on primary specimen (superficial pus) (without anaerobic detection)	Bacterial culture	Secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40260 - Detection of microorganisms on primary specimen (conjunctival secretions) (culture)	Bacterial culture	Secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40263 - Detection of microorganisms on primary specimen (feces) (culture)	Bacterial culture	Feces
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40264 - Clostridium difficile (toxins A and B) (rapid test) (ELISA membrane) (feces)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Feces
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40265 - Respiratory specimen for pancreatic cystic fibrosis (PCF) (culture) (including Burkholderia cepacia and Pseudomonas)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40266 - Methicillin-resistant Staphylococcus aureus (MRSA) (specific culture) (chromogenic agar screening)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40269 - Group B Streptococcus recto-vaginal culture	Bacterial culture	Clinical sample

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40270 - Group B Streptococcus recto-vaginal culture (broth agglutination)	Bacterial culture	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40280 - Detection of microorganisms on primary specimen (vaginal secretions) (Gram direct for vaginosis)	Microscopic examination including preparation	Clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40310 - Urine (all sampling methods)	Bacterial culture	Urine
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40311 - Urine collected by methods other than half-jet or indwelling catheter (nephrostomy, suprapubic puncture, cystoscopy, ileal conduit, collecting bag, bladder catheterization)	Bacterial culture	Urine
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	20670 - Hepatitis A (HAV) specific IgM	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	20672 - Hepatitis B (surface antigen antibodies) (anti-HBs) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	20673 - Hepatitis B (anti-HBc) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	20676 - Hepatitis B (surface antigen) (HbsAg)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	20678 - Hepatitis C (anti-HCV) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	40740 - Mononucleosis heterophilic antibody (agglutination)	Qualitative or quantitative agglutination	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	40794 - Rubella IgG or total antibodies (ELISA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	40814 - Syphilis non-treponemal antigen (RPR) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	40815 - Syphilis treponemal antigen IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	40850 - HIV IgG or total antibodies and Ag p24 (ELISA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.3 Microbiology – mycobacteriology	40900 - Mycobacteria (blood culture)	Mycobacterial culture	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	41031- Mycoses (blood culture)	Fungal culture	Blood and derived products
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	41050 - Yeast (specific culture)	Fungal culture	Clinical sample
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	41051 - Multi-resistant yeast (Candida auris)	Fungal culture	Clinical sample
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	41070 - Mycology (direct examination on clinical specimen) (including fresh, KOH, calcofluor)	Microscopic examination including preparation	Clinical sample
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	41072 - Superficial mycosis (dermatophyte) (including yeasts)	Fungal culture	Clinical sample
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	41076 - Manual identification of filamentous fungi	Fungal culture	Clinical sample
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	41121 - Malaria (smear + thick drop) (preparation and staining)	Microscopic examination including preparation	Whole blood
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	41122 - Malaria (reading and identification, including % parasitaemia)	Microscopic examination including preparation	Blood and derived products
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	41140 - Oxyures (search for) (by tape)	Microscopic examination including preparation	Clinical sample
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	41170 - Trichomonas vaginalis (culture)	Microscopic examination including preparation	Clinical sample
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	41180 - Ectoparasites and worms (identification)	Microscopic examination including preparation	Clinical sample
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	41120 - Malaria (rapid Ag detection) (immunochromatography)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	60050 - Special staining	Microscopic examination including preparation	Tissue/cell blocks (paraffin, others), cells, fresh tissue
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	60141 - Extemporaneous examination (including staining)	Microscopic examination including preparation	Fresh tissue
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	60200 - Routine staining, paraffin-embedded tissue	Microscopic examination including preparation	Tissue/cell blocks (paraffin, others), cells, fresh tissue
08.0 ANATOMICAL PATHOLOGY	08.2 Pathology – fertility	60596 - Sperm viability (eosin-negrosin stain)	Microscopic examination including preparation	Semen
08.0 ANATOMICAL PATHOLOGY	08.2 Pathology – fertility	60632 - Complete spermogram (fertility test) or vaso-vasostomy	Microscopic examination including preparation	Semen
08.0 ANATOMICAL PATHOLOGY	08.2 Pathology – fertility	60633 - Partial spermogram (post-vasectomy)	Microscopic examination including preparation	Semen

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
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**APPENDIX A
SITES UNDER THE RESPONSIBILITY OF THE ACCREDITED LABORATORY**

**Département clinique de médecine de laboratoire du Centre universitaire de santé
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4, 9th Street, Rouyn-Noranda (Québec) J9X 2B2

Not applicable: The group's external sites are all listed in Appendix A of the Glen "server lab" site (BNQ File No.: 56679-1 / SCC File No.: 151112).