

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory: Département clinique de médecine de laboratoire du Centre hospitalier de l'Université de Montréal (CHUM) (Site Hôpital Maisonneuve-Rosemont)

Contact name: Bruno Lamontagne, Clinico-administrative Director

Address: 5415, de l'Assomption Blvd., Montréal (Québec) H1T 2M4

Telephone: 514 890-8000

Website: <https://www.chumontreal.qc.ca/joindre-le-chum>

Email: bruno.lamontagne.chum@ssss.gouv.qc.ca

SCC File Number:	151128
Provider:	BNQ-EL
Provider File Number:	56657-1
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:	2021-03-25
Most Recent Accreditation:	2024-08-18
Accreditation Valid to:	2029-03-25

*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.

- Centre hospitalier de l'Université de Montréal, 1051, Sanguinet St., Montréal (Québec) H2X 3E4 (CCN no.: 151126 / BNQ no.: 56655-1)
- Hôpital Santa Cabrini, 5655, Saint-Zotique E. St., Montréal (Québec) H1T 1P7 (CCN no.: 151129 / BNQ no.: 56658-1)
- Hôpital de Verdun, 4000, Lasalle Blvd., Montréal (Québec) H4G 2A3 (CCN no.: 151132 / BNQ no.: 56661-1)
- Hôpital Notre-Dame, 1560, Sherbrooke E. St., Montréal (Québec) H2L 4M1 (CCN no.: 151133 / BNQ no.: 56662-1)
- Hôpital du Sacré-Cœur de Montréal, 5400, Gouin W. Blvd., Montréal (Québec) H4J 1C5 (CCN no.: 151134 / BNQ no.: 56663-1)
- Hôpital Fleury, 2180, Fleury E. St., Montréal (Québec) H2B 1K3 (CCN no.: 151135 / BNQ no.: 56664-1)
- Hôpital Jean-Talon, 1385, Jean-Talon E. St., Montréal (Québec) H2E 1S6 (CCN no.: 151136 / BNQ no.: 56665-1)
- Institut de cardiologie de Montréal, 5000, Bélanger St., Montréal (Québec) H1T 1C8 (CCN no.: 151138 / BNQ no. : 56667-1)

SCOPE OF ACCREDITATION

01.0 BIOCHEMISTRY*

- 01.1 BIOCHEMISTRY – CLINICAL
- 01.2 BIOCHEMISTRY – HORMONAL
- 01.3 BIOCHEMISTRY – IMMUNOLOGY
- 01.4 BIOCHEMISTRY – MEDICATION
- 01.5 BIOCHEMISTRY – TOXICOLOGY

(*) This discipline covers tests subject to ISO 22870; see detailed scope

02.0 MOLECULAR BIOLOGY

- 02.2 MOLECULAR DIAGNOSIS – HEMATOLOGY
- 02.3 MOLECULAR DIAGNOSIS – INFECTIOUS DISEASES
- 02.4 MOLECULAR DIAGNOSIS – HEREDITARY DISEASES
- 02.5 MOLECULAR DIAGNOSIS – ONCOLOGY

04.0 GENETICS / CYTOGENETICS

- 04.2 GENETICS – CYTOGENETICS

SCOPE OF ACCREDITATION

05.0 HEMATOLOGY

- 05.1 HEMATOLOGY – CYTOCHEMISTRY
- 05.2 HEMATOLOGY – CYTOLOGY
- 05.3 HEMATOLOGY – ERYTHROCYTIC
- 05.4 HEMATOLOGY – GRAFTS
- 05.5 HEMATOLOGY – HEMOSTASIS
- 05.6 HEMATOLOGY – IMMUNOCYTOMETRY
- 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
- 08.3 PATHOLOGY – CYTOLOGY

DETAILS OF SCOPE OF ACCREDITATION

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Physical characterization	Reflectance	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Physical characterization	Refractometry	Urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Osmolality measurement	Cryoscopic Osmometry	Blood and derived products, feces, urine, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Electrochemistry	CSF, blood and derived products, feces, urine and other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Chromatography	Blood and derived products, feces, urine, secretions

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Radial immunodiffusion	Blood and blood products, feces, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Co-oximetry	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Electrophoresis	CSF, blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Microscopic examination including preparation	Other biological fluids, blood and derived products, feces, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Automated imaging microscopy	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	CSF, blood and derived products, urine, feces, other biological fluids
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Immunoassay - turbidimetry	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Visual reading	Feces
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Immunoassay - fluorescence	Blood and derived products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Spectrophotometry	Blood and derived products, feces, urine, CSF, other biological fluids
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Chromatography	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products, urine, CSF, other biological fluids
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Mass spectroscopy	Blood and derived products, urine
01.0 BIOCHEMISTRY	01.3 Biochemistry – immunology	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Qualitative or quantitative agglutination	Blood and derived products
01.0 BIOCHEMISTRY	01.3 Biochemistry – immunology	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products, other biological fluids
01.0 BIOCHEMISTRY	01.3 Biochemistry – immunology	Research, identification and concentration determination of	Immunoassay - fluorescence	Blood and derived products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		organic and inorganic molecules and enzyme activity		
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	Research, identification and/or determination of the concentration of xenobiotics/drugs	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	Research, identification and/or determination of the concentration of xenobiotics/drugs	Immunoassay - turbidimetry	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	Research, identification and/or determination of the concentration of xenobiotics/drugs	Mass spectroscopy	Blood and derived products
01.0 BIOCHEMISTRY	01.4 Biochemistry – medication	Research, identification and/or determination of the concentration of xenobiotics/drugs	Spectrophotometry	Blood and derived products
01.0 BIOCHEMISTRY	01.5 Biochemistry – toxicology	Research, identification and/or determination of the concentration of toxic substances or analytes	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products, urine, CSF, other biological fluids
01.0 BIOCHEMISTRY	01.5 Biochemistry – toxicology	Research, identification and/or determination of the concentration of toxic substances or analytes	Spectrophotometry	CSF, blood and derived products, urine
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Blood gas analysis with or without co-oximetry (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, meHb, oxyHb, SulfHb, total CO ₂)	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Summary examination (urine) (visual reading)	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Transcutaneous assessment of bilirubin levels	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Determination of activated partial thromboplastin time (ACT)	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	White blood cell count and neutrophil percentage	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Screening for SARS-CoV-2	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Detection of group A streptococcus	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Capillary glucose assay	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Hemoglobin determination	Blood and derived products, urine, secretions

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Urine density measurement	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Detection of chorionic gonadotropin hormone (HCG)	Blood and derived products, urine, secretions
01.0 BIOCHEMISTRY	POCT	Research, identification and concentration determination of organic and inorganic molecules and enzyme activity	Amniotic membrane rupture test	Blood and derived products, urine, secretions
02.0 MOLECULAR BIOLOGY	02.2 Molecular diagnosis – hematology	Genotyping and cell typing (erythrocytes, platelets, granulocytes, etc.)	Detection of nucleic acids	DNA or RNA clinical sample, blood and derived products, marrow
02.0 MOLECULAR BIOLOGY	02.2 Molecular diagnosis – hematology	Genotyping and cell typing (erythrocytes, platelets, granulocytes, etc.)	Conventional sequencing	DNA or RNA clinical sample, blood and derived products, marrow
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	Research and identification and/or concentration determination (quantification) of viral, bacterial, fungal and parasitic nucleic acids	Detection of nucleic acids	CSF, blood and derived products, fresh tissue, clinical specimen, urine, feces, secretions, other biological fluids
02.0 MOLECULAR BIOLOGY	02.4 Molecular diagnosis – hereditary diseases	Characterization and/or quantification of molecular anomalies	Detection of nucleic acids	DNA or RNA clinical sample, cells, blood and derived products, other biological fluids, marrow
02.0 MOLECULAR BIOLOGY	02.5 Molecular diagnosis – oncology	Characterization and/or quantification of molecular anomalies: detection of mutations, inversions, translocations, methylations, deletions, etc.	Detection of nucleic acids	DNA or RNA clinical sample, tissue/cell blocks (kerosene wax, other), fresh tissue, cells
02.0 MOLECULAR BIOLOGY	02.5 Molecular diagnosis – oncology	Characterization and/or quantification of molecular anomalies: detection of mutations, inversions, translocations, methylations, deletions, etc.	Molecular in situ hybridization (CISH, FISH)	Tissue/cell blocks (kerosene wax, other), cells and fresh tissue
02.0 MOLECULAR BIOLOGY	02.5 Molecular diagnosis – oncology	Characterization and/or quantification of molecular anomalies: detection of mutations, inversions, translocations, methylations, deletions, etc.	Next generation sequencing	Tissue/cell blocks (kerosene wax, others), fresh tissue, cells, clinical sample DNA or RNA
02.0 MOLECULAR BIOLOGY	02.5 Molecular diagnosis – oncology	Characterization and/or quantification of molecular anomalies: detection of mutations, inversions, translocations, methylations, deletions, etc.	Conventional sequencing	Tissue/cell blocks (kerosene wax, other), fresh tissue, cells, DNA or RNA from clinical samples,
04.0 GENETICS - CYTOGENETICS	04.2 Genetics – cytogenetics	Karyotype - Numerical and morphological study of chromosomes	Microscopic examination including preparation	Marrow, blood and derived products, fresh tissue
04.0 GENETICS - CYTOGENETICS	04.2 Genetics – cytogenetics	Search for chromosomal and/or molecular abnormalities	Molecular in situ hybridization (CISH, FISH)	Blood and derived products, cells, marrow
04.0 GENETICS - CYTOGENETICS	04.2 Genetics – cytogenetics	Search for chromosomal and/or molecular abnormalities	Microscopic examination including preparation	Blood and derived products, cells, marrow
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	Determination of hematocytochemistry parameters	Microscopic examination including preparation	Cells, marrow, blood and derived products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	Hemogram, research, identification and/or cells quantification	Microscopic examination including preparation	Cells, marrow, blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	Hemogram, research, identification and/or cells quantification	Flow cytometry	Marrow, blood and derived products, other biological fluids, CSF
05.0 HEMATOLOGY	05.2 Hematology – cytology	Hemogram, research, identification and/or cells quantification	Microscopic examination including preparation	Cells, marrow, blood and derived products, urine, other biological fluids, CSF
05.0 HEMATOLOGY	05.2 Hematology – cytology	Hemogram, research, identification and/or cells quantification	Spectrophotometry	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	Hemogram, research, identification and/or cells quantification	Calculation	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	Hemogram, research, identification and/or cells quantification	Impedance measurement	Blood and derived products
05.0 HEMATOLOGY	05.2 Hematology – cytology	Red blood cell aggregation technique	Precipitation	Blood and derived products
05.0 HEMATOLOGY	05.3 Hematology – erythrocytic	Detection and quantification of markers/glycoproteins/enzymes	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
05.0 HEMATOLOGY	05.3 Hematology – erythrocytic	Search for cellular abnormalities	Microscopic examination including preparation	Blood and derived products, urine, other biological fluids, marrow
05.0 HEMATOLOGY	05.3 Hematology – erythrocytic	Search for cellular abnormalities	Visual reading	Blood and derived products
05.0 HEMATOLOGY	05.3 Hematology – erythrocytic	Search for cellular abnormalities	Macroscopic examination	Other biological fluids, CSF
05.0 HEMATOLOGY	05.3 Hematology – erythrocytic	Research and determination of hemoglobin concentration	Electrophoresis	Blood and derived products
05.0 HEMATOLOGY	05.3 Hematology – erythrocytic	Research and determination of hemoglobin concentration	Spectrophotometry	Blood and derived products
05.0 HEMATOLOGY	05.4 Hematology – graft	HLA genotyping, chimerism, genetic polymorphisms	Detection of nucleic acids	DNA or RNA clinical samples, blood and derived products
05.0 HEMATOLOGY	05.4 Hematology – graft	HLA genotyping, chimerism, genetic polymorphisms	Next generation sequencing	DNA or RNA clinical samples, blood and derived products
05.0 HEMATOLOGY	05.4 Hematology – graft	HLA genotyping, chimerism, genetic polymorphisms	Conventional sequencing	DNA or RNA clinical samples, blood and derived products
05.0 HEMATOLOGY	05.4 Hematology – graft	Identification and/or concentration determination of antibodies and other protein compounds	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
05.0 HEMATOLOGY	05.4 Hematology – graft	Hematocytological phenotyping	Molecular in situ hybridization (CISH, FISH)	Bone marrow, blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Coagulometry	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Immunoassay - turbidimetry	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Chromogenic method	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Modified radial immunodiffusion	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Visual reading	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Precipitation	Blood and derived products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Fibrinolysis investigation	Visual reading	Blood and derived products
05.0 HEMATOLOGY	05.5 Hematology – hemostasis	Platelet tests, search for and determination of heparin-dependent antibody concentration	Aggregometry	Blood and derived products
05.0 HEMATOLOGY	05.6 Hematology – immunocytometry	Hematocytological phenotyping	Flow cytometry	Marrow, blood and derived products, other biological fluids, CSF
05.0 HEMATOLOGY	05.7 Hematology – immunology	Search for cellular abnormalities	Precipitation	Blood and derived products
05.0 HEMATOLOGY	05.7 Hematology – immunology	Research, identification and/or determination of the concentration of proteins, anticoagulants, antibodies	Immunoassay - turbidimetry	Blood and derived products
05.0 HEMATOLOGY	05.7 Hematology – immunology	Research, identification and/or determination of the concentration of proteins, anticoagulants, antibodies	Immunoassay - fluorescence	Blood and derived products
05.0 HEMATOLOGY	05.7 Hematology – immunology	Research, identification and/or determination of the concentration of proteins, anticoagulants, antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	Comparative test	Immunological method of hemagglutination and derivative	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	Research and determination of erythrocyte antigens; determination of blood groups	Immunological method of hemagglutination and derivative	Blood and derived products
06.0 TRANSFUSION MEDICINE	06.0 Transfusion medicine	Research and/or identification of anti-erythrocytic antibodies	Immunological method of hemagglutination and derivative	Blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Characterization of the sensitivity of bacteria to different substances	Phenotypic determination: sensitivity tests	Isolate
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Preparation for bacterial research and identification	Bacterial culture	Clinical specimen, other biological fluids, feces, urine, CSF, fresh tissue, blood and derived products, secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Preparation for bacterial research and identification	Microscopic examination including preparation	Clinical specimen, other biological fluids, feces, urine, CSF, fresh tissue, blood and derived products, secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Research and identification of nucleic acids, toxins, enzymes, antibodies and bacterial antigens	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Feces, urine, fresh tissue, CSF, other biological fluids, blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Research and identification of bacteria	Microscopic examination including preparation	Other biological fluids, feces, urine, CSF, fresh tissue, blood and derived products, secretions, isolate, clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Research and identification of bacteria	Chromogenic method	Other biological fluids, feces, urine, CSF, fresh tissue, blood and derived products, secretions, isolate, clinical sample
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Research and identification of bacteria	Phenotypic determination by mass spectrometry	Isolate
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Research and identification of bacteria	Phenotypic determination: biochemical characterization	Isolate
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	Research, identification and/or determination of the	Qualitative or quantitative agglutination	Blood and derived products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		concentration of antibodies and/or antigens specific to infectious agents		
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
07.0 MICROBIOLOGY	07.3 Microbiology – mycobacteriology	Diagnosis of latent tuberculosis infection	Enzyme-linked immunoassay (IGRA)	Blood and derived products
07.0 MICROBIOLOGY	07.3 Microbiology – mycobacteriology	Research and identification of mycobacteria	Microscopic examination including preparation	Clinical specimen, blood and derived products, fresh tissue, other biological fluids, urine, CSF, secretions
07.0 MICROBIOLOGY	07.3 Microbiology – mycobacteriology	Research and identification of mycobacteria	Mycobacterial culture	Clinical specimen, blood and derived products, fresh tissue, other biological fluids, urine, CSF, secretions
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Characterizing the sensitivity of infectious agents to different substances	Phenotypic determination: sensitivity tests	Isolate
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research and identification of fungi and yeast	Microscopic examination including preparation	Blood and derived products, clinical sample, fresh tissue, isolate, other biological fluids, feces, urine, CSF, secretions
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research and identification of fungi and yeast	Fungal culture	
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research and identification of fungi and yeast	Chromogenic method	
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research and identification of fungi and yeast	Immunoassay - fluorescence	Clinical sample, Isolate, other biological fluids, secretions
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research and identification of fungi and yeast	Phenotypic determination: biochemical characterization	Isolate
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research and identification of fungi and yeast	Phenotypic determination by mass spectrometry	Isolate
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Clinical samples, other biological fluids, CSF, blood and derived products
07.0 MICROBIOLOGY	07.4 Microbiology – mycology	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Immunochemistry	CSF, blood and derived products
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	Research and identification of parasites	Microscopic or macroscopic examination including preparation	Blood and derived products, feces, tissue and other biological fluids, secretions, clinical sample
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	Research and identification of parasites	Parasite culture	Blood and derived products, feces, tissue and other biological fluids, secretions, clinical sample
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	Research, identification and/or determination of the concentration of antibodies and/or antigens specific to infectious agents	Immunochemistry	Blood and derived products
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Autopsies; ultrastructural morphological observation of tissue and cellular components; evaluation of the proportion of	Macroscopic examination including preparation	Fresh tissue

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		specific components/antigens/enzymes		
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Autopsies; ultrastructural morphological observation of tissue and cellular components; evaluation of the proportion of specific components/antigens/enzymes	Microscopic examination including preparation	Fresh tissue, tissue/cell blocks (kerosene wax, other), cells
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Autopsies; ultrastructural morphological observation of tissue and cellular components; evaluation of the proportion of specific components/antigens/enzymes	Immunohistochemistry	Fresh tissue, tissue/cell blocks (kerosene wax, other) kerosene wax, cells
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Autopsies; ultrastructural morphological observation of tissue and cellular components; evaluation of the proportion of specific components/antigens/enzymes	Macroscopic examination including preparation	Fresh tissue
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	Evaluation of the proportion of specific constituents/antigens/enzymes	Immunoassay - fluorescence	Fresh tissue, tissue/cell blocks (kerosene wax, other) kerosene wax, cells
08.0 ANATOMICAL PATHOLOGY	08.2 Pathology – fertility	Morphological study and cell identification	Microscopic examination including preparation	Semen
08.0 ANATOMICAL PATHOLOGY	08.3 Pathology – cytology	Morphological observation of cellular constituents	Microscopic examination including preparation	Secretions, clinical sample cells, urine, other biological fluids, tissue blocks (kerosene wax, others), CSF

Notes

Accreditation is granted under a flexible scope. The list of methods subject to accreditation is available.

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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