

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 de Verdun)**

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SCC File Number:	151132
Provider:	BNQ-EL
Provider File Number:	56661-1
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:	2023-11-16
Accreditation Valid to:	2025-03-25

*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 Maisonneuve-Rosemont, 5415, de l'Assomption Blvd., Montréal (Québec) H1T 2M4 (CCN no.: 151128 / BNQ no.: 56657-1)
- Hôpital Santa Cabrini, 5655, Saint-Zotique E. St., Montréal (Québec) H1T 1P7 (CCN no.: 151129 / BNQ no.: 56658-1)
- 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 t., 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

- 02.3 MOLECULAR DIAGNOSIS – INFECTIOUS DISEASES

05.0 HEMATOLOGY

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

SCOPE OF ACCREDITATION

06.0 TRANSFUSION MEDICINE

07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY
- 07.2 MICROBIOLOGY – IMMUNOSEROLOGY
- 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	30005 - Beta-hydroxybutyrate (whole blood)	Enzymatic method	Blood and derived products
		30009 - Folic acid (folates)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30013 - Uric Acid	Spectrophotometry	Blood and derived products, urine
		30016 - Alanine aminotransferase (ALT)	Spectrophotometry	Blood and derived products
		30017 - Albumin	Spectrophotometry	Blood and derived products, urine, other biological fluids
		30022 - Alpha-fetoprotein (AFP)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30029 - Ammoniac	Spectrophotometry	Blood and derived products
		30038 - Carcinoembryonic antigen (CEA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30039 - Prostate-specific antigen (PSA) test	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30054 - Apolipoprotein B	Immunoassay - turbidimetry	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30060 - Aspartate aminotransferase (AST)	Spectrophotometry	Blood and derived products
		30076 - Lactate acid (by specific electrode)	Electrochemistry	Blood and derived products
		30078 - Procalcitonin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30079 - Urine (microscopic examination) (automated)	Automated imaging microscopy	Urine
		30083 - Bilirubin Direct (conjugated)	Spectrophotometry	Blood and derived products
		30084 - Bilirubin total	Spectrophotometry	Blood and derived products
		30085 - BNP (Brain Natriuretic Peptide)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30100 - CA 125	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30105 - Calcium total	Spectrophotometry	Blood and derived products, urine
		30106 - Calcium Ionized	Electrochemistry	Blood and derived products
		30115 - Chloride	Electrochemistry	Blood and by-products, urine, CSF
		30116 - Cholesterol - HDL	Spectrophotometry	Blood and derived products
		30119 - Cholesterol total	Spectrophotometry	Blood and derived products, other biological fluids
		30124 - Total CO ₂ or bicarbonate (dosage only)	Spectrophotometry	Blood and derived products
		30130 - CK total	Spectrophotometry	Blood and derived products
		30132 - Creatinine	Enzymatic method	Urine, blood and derived products, other biological fluids
		30133 - Crystals (synovial fluid)	Microscopic examination including preparation	Other biological fluids
		30173 - Protein electrophoresis (serum)	Electrophoresis	Blood and derived products
		30174 - Protein electrophoresis (urine)	Electrophoresis	Urine
		30191 - Iron (serum)	Spectrophotometry	Blood and derived products
		30193 - Ferritin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30210 - Gamma glutamyl transferase (GGT)	Spectrophotometry	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30212 - Blood Gas (pO ₂ , pCO ₂ , pH, HCO ₃ , COHb, metHb, oxyHb, SulfHb)	Electrochemistry	Blood and derived products
			Co-oximetry	Blood and derived products
			Calculation	Blood and derived products
		30214 - Glucose	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products, urine, CSF, other biological fluids
		30248 - Glycated hemoglobin (HbA1c)	Chromatography	Blood and derived products
		30268 - Serum protein immunofixation	Electrophoresis	Blood and derived products
		30269 - Urine protein immunofixation	Electrophoresis	Urine
		30273 - Immunoglobulin IgA	Immunoassay - turbidimetry	Blood and derived products
		30277 - Immunoglobulin IgG	Immunoassay - turbidimetry	Blood and derived products
		30279 - Immunoglobulin IgM	Immunoassay - turbidimetry	Blood and derived products
		30301 - Lactate Dehydrogenase (LD)	Spectrophotometry	Blood and derived products, other biological fluids, CSF
		30306 - Triglyceride lipase	Spectrophotometry	Blood and derived products
		30330 - Macro-enzyme or Macro prolactin (research) (precipitation)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30332 - Total magnesium	Spectrophotometry	Blood and derived products, urine
		30337 - Microalbumin (urine)	Immunoassay - turbidimetry	Urine
		30340 - Myoglobin (urine)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Urine
		30362 - Osmolality	Cryoscopic Osmometry	Blood and derived products, feces, urine, other biological fluids
		30383 - pH (biological fluid)	Electrochemistry	Other biological fluids
		30386 - Alkaline Phosphatase	Spectrophotometry	Blood and derived products
		30391 - Phosphate	Spectrophotometry	Feces, other biological fluids, urine, blood and derived products
		30398 - Potassium	Electrochemistry	Blood and derived products, urine, feces, other biological fluids
30399 - Prealbumin	Immunoassay - turbidimetry	Blood and derived products		

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30404 - Total protein (other fluids)	Spectrophotometry	Other biological fluids, urine, CSF
		30405 - Total protein (serum)	Spectrophotometry	Blood and derived products
		30412 - C-reactive Protein (CRP) (including ultrasensitive)	Immunoassay - turbidimetry	Blood and derived products
		30471 - Occult Blood Stool (qualitative)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Feces
		30478 - Sodium	Electrochemistry	Blood and derived products, feces, other biological fluids, urine
		30511 - Transferrin	Immunoassay - turbidimetry	Blood and derived products
		30512 - Triglycerides	Spectrophotometry	Blood and derived products, other biological fluids
		30513 - Troponin T or I	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30531 - Urea	Enzymatic method	Blood and derived products, urine, other biological fluids
		30532 - Urine (microscopic exam)	Microscopic examination including preparation	Urine
		30533 - Urine (summary examination)	Reflectance	Urine
		30553 - Vitamin B12	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30556 - Vitamin D 25 OH	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
	01.2 Biochemistry – hormonal	30128 - Serum or urine cortisol without extraction	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30151 - Dehydroepiandrosterone sulfate (DHEA-S)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30240 - Follicle-stimulating hormone (FSH)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30241 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (qualitative)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Urine
		30242 - Chorionic Gonadotropic Hormone (CGH) (serum or urine) (quantitative)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30243 - Luteinizing Hormone (LH)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30244 - Parathyroid hormone (PTH)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30360 - Estradiol-17B	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30400 - Progesterone	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30402 - Prolactin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30477 - Sex hormone binding globulin (SHBG)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30500 - T3 total (total triiodothyronine) or free	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30502 - T4L (free thyroxine)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30506 - Testosterone total	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30516 - TSH (thyrotropic hormone)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
	01.3 Biochemistry – immunology	30040 - Anti-gliadins (IgA)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30048 - Anti-thyroperoxidase (anti-TPO)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30049 - Anti-transglutaminase	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		40800 - RA (rheumatoid factor)	Immunoassay - turbidimetry	Blood and derived products
	01.4 Biochemistry – medication	30600 - Acetaminophen	Spectrophotometry	Blood and derived products
		30601 - Valproic acid	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		30630 - Carbamazepine	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30640 - Digoxin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30671 - Gentamicin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30692 - Lithium (Li)	Immunoassay - turbidimetry	Blood and derived products
		30731 - Phenytoin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		30760 - Salicylates	Spectrophotometry	Blood and derived products
		30773 - Tobramycin (Nebcin®, Tobrex®)	Immunoassay - turbidimetry	Blood and derived products
		30780 - Vancomycin	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
	01.5 Biochemistry – toxicology	30177 - Ethanol (ethyl alcohol)	Enzymatic method	Blood and derived products
		30851 - Street drugs / strip / drug	Immunoassay - fluorescence	Urine
	POCT	Capillary glucose determination	NA	Blood and derived products
		Hemoglobin determination		Blood and derived products
		Tear pH measurement		Other biological fluids
		Vaginal secretions analysis		Secretions
		Detection of chorionic gonadotropin hormone (HCG)		Urine
		Summary examination (urine) (automated reading)		Urine
	02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45018 - Chlamydia trachomatis and Neisseria gonorrhoeae (NAAT) on urine specimen	Detection of nucleic acids
45020 - Chlamydia trachomatis and Neisseria gonorrhoeae (NAAT) on extra-genital specimen			Detection of nucleic acids	Clinical sample
45022 - Chlamydia trachomatis and Neisseria gonorrhoeae (NAAT) on genital specimen			Detection of nucleic acids	Clinical sample

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		45026 - Clostridium difficile (toxin B gene) (NAAT) on clinical specimen	Detection of nucleic acids	Feces
		45031 - Coronavirus (SARS-CoV-2); detection (NAAT) (certified kit) on clinical specimen	Detection of nucleic acids	Clinical sample
		45033 - Coronavirus (SARS-CoV-2); detection (NAAT) (rapid test, certified kit) on clinical sample	Detection of nucleic acids	Clinical sample
		45035 - Vancomycin-resistant Enterococcus (VRE); (NAAT) (uncertified kit or laboratory-developed test) on clinical specimen	Detection of nucleic acids	Clinical sample
		45048 - influenza A and B (NAAT) (certified kit) on clinical specimen	Detection of nucleic acids	Clinical sample
02.0 MOLECULAR BIOLOGY	02.3 Molecular diagnosis – infectious diseases	45053 - Coronavirus (SARS-CoV-2) and Influenza A and B detection (NAAT) (multiplex) (certified kit) on clinical sample	Detection of nucleic acids	Clinical sample
05.0 HEMATOLOGY	05.1 Hematology – cytochemistry	20852 - Medullary iron (Prussian blue)	Microscopic examination including preparation	Marrow
		20983 - Bone marrow (staining)	Microscopic examination including preparation	Marrow
	05.2 Hematology – cytology	20320 - Liquid cytology (manual)	Microscopic examination including preparation	Other biological fluids
	05.2 Hematology – cytology	20361 - Complete blood count (CBC) or automated Hgb-HCT-Plat.	Flow cytometry	Blood and derived products, other biological fluids
			Impedance measurement	
			Calculation	
		20362 - Differential formula (manual) (including staining)	Microscopic examination including preparation	Blood and derived products
			Microscopic examination including preparation	Blood and derived products
		20363 - Evaluation of red blood cells and platelets (orientation smear) (including staining)	Microscopic examination including preparation	Blood and derived products
	20364 - Complete blood count (CBC) or Hb-Ht-Plaq. Micro-method (automated)	Flow cytometry	Blood and derived products	
		Impedance measurement		
Calculation				

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		20430 - Bone marrow (manual differential by medical technologist including reading of 2 slides)	Microscopic examination including preparation	Marrow
		20470 - Reticulocytes (automated)	Impedance measurement	Blood and derived products
			Flow cytometry	
			Calculation	
		20490 - Manual sedimentation	Precipitation	Blood and derived products
	05.3 Hematology – erythrocytic	20360 - Falciformation (test for) Thiosulfate	Visual reading	Blood and derived products
	05.5 Hematology – hemostasis	20014 - Antithrombin (activity)	Photometry	Blood and derived products
		20062 - D-Dimer (automated)	Photometry	Blood and derived products
		20080 - Coagulation factor (II, V, VII, VIII, IX, X, XI and XII) (activity)	Photometry	Blood and derived products
		20102 - Fibrinogen (activity)	Photometry	Blood and derived products
		20196 - Protein C (activity)	Photometry	Blood and derived products
		20199 - Free protein S (antigen)	Photometry	Blood and derived products
		20240 - Activated partial thromboplastin time (APTT) or trombin time (TT) or prothrombin time (PT) (INR) on 50/50 mixture	Photometry	Blood and derived products
		20241 - Activated partial thromboplastin time or partial thromboplastin time + activator (APTT)	Photometry	Blood and derived products
		20243 - Prothrombin time (INR) including fibrinogen derivative	Photometry	Blood and derived products
		20245 - In vitro bleeding time (per agent) (PFA-100)	Aggregometry	Blood and derived products
		20247 - Diluted Stypven time (DRVVT or Russell time) (including confirmation).	Photometry	Blood and derived products
		20248 - Thrombin time (TT)	Photometry	Blood and derived products
		05.7 Hematology – immunology	20776 - Complement C3 (antigen)	Turbidimetry
	20777 - Complement C4 (antigen)		Turbidimetry	Blood and derived products

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 and derived products
		10002 - Cold agglutinins (titration) (quantitative) (autocontrols included)	Agglutination	Blood and derived products
		10007 - Irregular antibodies (manual identification)	Immunological method of hemagglutination and derivative	Blood and derived products
		10024 - Compatibility (manual or automated)	Immunological method of hemagglutination and derivative	Blood and derived products
		10032 - Multispecific or monospecific direct Coombs (Tube technique)	Immunological method of hemagglutination and derivative	Blood and derived products
		10060 - Elution (including identification on eluate)	Immunological method of hemagglutination and derivative	Blood and derived products
		10085 - ABO-Rh blood group (automated)	Immunological method of hemagglutination and derivative	Blood and derived products
		10086 - ABO-Rh blood type (manual)	Immunological method of hemagglutination and derivative	Blood and derived products
		10111 - Irregular antibodies (automated identification)	Immunological method of hemagglutination and derivative	Blood and derived products
		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
		10150 - Irregular antibodies (manual search)	Immunological method of hemagglutination and derivative	Blood and derived products
		10153 - Irregular antibodies (automated search)	Immunological method of hemagglutination and derivative	Blood and derived products
		10170 - Antibody titration (per antibody) (including titration on previous serum)	Immunological method of hemagglutination and derivative	Blood and derived products
		10173 - Cell treatment (EGA KIT method)	Enzymatic method	Blood and derived products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	40020 - Multi-resistant gram-negative bacteria (beta-lactamase-ESBL, carbapenemase) (screening)	Bacterial culture	Clinical sample, feces

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		40026 - Bronchoscopy (semi-quantitative culture)	Bacterial culture	Clinical sample, secretions
		40047 - Minimum inhibitory concentration (MIC) microplate/automated card (per bacterium)	Phenotypic determination: sensitivity tests	Isolate
		40048 - Minimum inhibitory concentration (MIC) (strip) (per antibiotic and per bacterium)	Phenotypic determination: sensitivity tests	Isolate
		40049 - Catheter (semi-quantitative culture)	Bacterial culture	Clinical sample
		40063 - Vancomycin-resistant Enterococcus (VRE) (specific culture) (chromogenic agar screening)	Bacterial culture	Clinical sample, feces
			Chromogenic method	
		40065 - Expectations (bacteriology) (includes specimen rejected after Gram)	Bacterial culture	Clinical sample, secretions
			Microscopic examination including preparation	Clinical sample, secretions
		40080 - Throat (Strepto A, C, G or beta-hemolytic)	Bacterial culture	Clinical sample, secretions
		40101 - Blood culture (1 bottle: aerobic or anaerobic)	Bacterial culture	Blood and derived products
		40102 - Blood culture (2 bottles: aerobic + anaerobic)	Bacterial culture	Blood and derived products
		40125 - Identification of a micro-organism to genus or species (API galleries)	Phenotypic determination: biochemical characterization	Isolate
		40126 - Identification of a micro-organism to genus or species (identification cards on automated systems such as VITEK®, Phoenix® or MicroScan®)	Phenotypic determination: biochemical characterization	Isolate
		40127 - All orientation tests prior to identification of a micro-organism	Phenotypic determination: biochemical characterization	Isolate
		40130 - Gram staining (on colony)	Microscopic examination including preparation	Other biological fluids, clinical sample, isolate, CSF, blood and derived products
		40140 - Kirby Bauer (per bacterium) (diffusion antibiogram)	Phenotypic determination: sensitivity tests	Isolate
		40160 - Legionella (urinary antigen)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Urine

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		40164 - Cerebrospinal fluid (CSF) (culture)	Bacterial culture	CSF
		40165 - Biological fluid (other than CSF) (culture)	Bacterial culture	Other biological fluids
		40200 - Neisseria gonorrhoeae (culture) (all sites)	Bacterial culture	Clinical sample, secretions
		40201- Staphylococcus aureus (nose) (culture) (except MRSA)	Bacterial culture	Clinical sample, secretions
		40220 - Ear or external auditory canal (culture)	Bacterial culture	Clinical sample, secretions
		40242 - Deep pus (with search for anaerobes, including actinomycess)	Bacterial culture	Clinical sample
		40243 - Superficial pus (without anaerobes)	Bacterial culture	Clinical sample
		40260 - Conjunctival secretions (culture)	Bacterial culture	Clinical sample
		40261 - Tracheobronchial secretions (culture)	Bacterial culture	Secretions
		40262- Vaginal secretions (culture, fresh, KOH)	Microscopic examination including preparation	Secretions
			Bacterial culture	
		40263 - Feces (culture)	Bacterial culture	Feces
		40266 - Methicillin-resistant Staphylococcus aureus (MRSA) (specific culture) (chromogenic agar screening)	Bacterial culture	Clinical sample, secretions
		40269 - Group B Streptococcus recto-vaginal culture	Bacterial culture	Clinical sample
		40280 - Vaginal secretions (Gram direct for vaginosis)	Microscopic examination including preparation	Secretions
		40310 - Urine (all sampling methods)	Bacterial culture	Urine
	07.2 Microbiology – immunoserology	20670 - Hepatitis A (HAV) specific IgM	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		20671 - Hepatitis A (HAV) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		20672 - Hepatitis B (surface antigen antibodies) (anti-HBs) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)	
		20673 - Hepatitis B (anti-HBc) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		20675 - Hepatitis B (anti-HBe) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		20676 - Hepatitis B (surface antigen) (HbsAg)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		20677 - Hepatitis B (HbeAg) (antigen)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		20678 - Hepatitis C (anti-HCV) IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		40690 - Helicobacter pylori IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		40740 - Mononucleosis heterophilic antibody (agglutination)	Qualitative or quantitative agglutination	Blood and derived products	
		40794 - Rubella IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		40814 - Syphilis non-treponemal antigen (RPR) IgG or total antibodies	Qualitative or quantitative agglutination	Blood and derived products	
		40815 - Syphilis treponemal antigen IgG or total antibodies	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		40850 - HIV IgG or total antibodies and Ag p24	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products	
		07.4 Microbiology – mycology	41050 - Yeast (specific culture)	Fungal culture	Microscopic examination including preparation
	41070 - Mycology (direct examination on clinical specimen) (including fresh, KOH, calcofluor)		Fungal culture	Microscopic examination including preparation	Clinical sample
	41071 - Deep mycosis (including yeasts)		Fungal culture	Microscopic examination including preparation	Clinical sample
	41072 - Superficial mycosis (dermatophyte) (including yeasts)		Fungal culture	Microscopic examination including preparation	Clinical sample

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
		41073 - Minimum inhibitory concentration (MIC) (automated microplate) by yeast	Phenotypic determination: sensitivity tests	Isolate
	07.5 Microbiology – parasitology	41120 - Malaria (rapid Ag detection) (immunochromatography)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Blood and derived products
		41121 - Malaria (smear + thick drop) (preparation and staining)	Microscopic examination including preparation	Blood and derived products
		41122 - Malaria (reading and identification, including % parasitaemia)	Microscopic examination including preparation	Blood and derived products
		41140 - Oxyures (search for) (by tape)	Microscopic examination including preparation	Clinical sample
		41171 - Trichomonas vaginalis (ag detection)	Enzyme immunoassays (chemiluminescence, EIA and derivatives)	Clinical sample
08.0 ANATOMICAL PATHOLOGY	08.1 Pathology – clinical	60050 - Special staining	Microscopic examination including preparation	Tissue/cell blocks (paraffin, others), fresh tissue
		60141 - Extemporaneous examination (including staining)	Microscopic examination including preparation	Fresh tissue
		60151 - Immunohisto/cytochemistry (immunohistochemistry) (including controls)	Immunohistochemistry	Tissue/cell blocks (paraffin, others)
		60200 - Routine staining, paraffin-embedded tissue	Microscopic examination including preparation	Tissue/cell blocks (paraffin, others)
	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.

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