

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory: Biron Laboratoire Médical Inc.

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SCC File Number:	151281
Provider:	BNQ-EL
Provider File Number:	61454-1
Accreditation Standard(s):	ISO 15189:2012
Population:	All interested parties
Program Specialty Area:	Medical
Initial Accreditation:	2022-10-10
Most Recent Accreditation:	2022-10-10
Accreditation Valid to:	2026-10-10

*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.*

SCOPE OF ACCREDITATION

01.0 BIOCHEMISTRY

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

02.0 MOLECULAR BIOLOGY

- 02.1 PHARMACOGENETIC
- 02.3 MOLECULAR DIAGNOSIS – INFECTIOUS DISEASES

05.0 HEMATOLOGY

- 05.2 HEMATOLOGY – CYTOLOGY
- 05.3 HEMATOLOGY – ERYTHROCYTIC
- 05.5 HEMATOLOGY – HEMOSTASIS

07.0 MICROBIOLOGY

- 07.1 MICROBIOLOGY – BACTERIOLOGY
- 07.2 MICROBIOLOGY – IMMUNOSEROLOGY
- 07.5 MICROBIOLOGY – PARASITOLOGY
- 07.6 MICROBIOLOGY – VIROLOGY

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	Microscopic examination including preparation	Urine
		Detection, identification, and/or determination of the concentration of organic and	Spectrophotometry	Blood, blood products and urine
			Enzymatic immunoassays (chimiluminescence, EIA and derivatives)	Blood, blood products urine and feces

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		inorganic molecules and enzymatic activity	Refractometry	Urine
			Turbidimetric-immunoassay	Blood, blood products urine and feces
			Potentiometry	Blood, blood products and urine
			Electrophoresis	Blood and blood products
			Electrophoresis - Immunofixation	Blood and blood products
			Turbidimetry	Urine
			Spectrophotometry	Blood and blood products
	01.2 Biochemistry hormonal	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Enzymatic immunoassay (chimiluminescence, EIA et derivatives)	Blood and blood products
			Immunochromatography	Urine
	01.3 Biochemistry immunology	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Qualitative ou quantitative agglutination	Blood and blood products
			Enzymatic immunoassay (chimiluminescence, EIA et derivatives)	Blood and blood products
	01.5 Biochemistry toxicology	Detection, identification and/or determination of the concentration	Spectrophotometry	Urine
			Enzymatic immunoassay (EMIT, CEDIA)	Urine

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		of the toxic analyte or substance		
02.0 MOLECULAR BIOLOGY	02.1 Pharmacogenetic	Detection for genetic markers influencing medication response	Genotyping by primer extension	Secretions
	02.3 Molecular diagnosis – infectious diseases	Detection, identification and/or determination of the quantitative concentration of viral, bacterial, or fungal nucleic acids	Nucleic acid detection	Urine, feces, secretions
05.0 HÉMATOLOGY	05.2 Hematology Cytology	Hemogram, detection, identification and/or cell count	Microscopic examination including preparation	Blood and blood products
			Flow cytometry - impedancemetry - fluorescence - Calculation - Spectrophotometry	Blood and blood products
			Flow cytometry	Blood and blood products
	05.3 Hematology erythrocytic	RBC aggregation	Precipitation / Photometry	Blood and blood products
	05.5 Hematology hemostasis	Determination of hemostasis parameters	Immunoassay-fluorescence	Blood and blood products
			Chronogenic	Blood and blood products
		Detection and identification of nucleic acids, toxins, enzymes, bacterial antibodies, and antigens	Chronogenic	Blood and blood products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
07.0 MICROBIOLOGY	07.1 Microbiology bacteriology	Preparation for detection and identification of bacteria	Bacterial culture	Sperm, urine, feces, and secretions
		Detection and identification of bacterial nucleic acids, toxins, enzymes antibodies and antigens	Immunochromatography	Feces
		Detection, identification and/or determination of antibody or antigen concentrations for infectious agents	Immunochromatography	Secretions
	07.2 Microbiology immunoserology	Detection, identification and/or determination of antibody or antigen concentrations for infectious agents	Qualitative or quantitative agglutination	Blood and blood products
			Enzymatic immunoassay-(chimiluminescence, EIA et derivatives)	Blood and blood products
	07.5 Microbiology parasitology	Hemogram, search, identification and or cell count	Microscopic examination including preparation	Blood and blood products
			Microscopic examination including preparation	Blood and blood products, feces, secretions
	07.6 Microbiology Virology	Detection, identification and/or determination of antibody or	Immunoassay-fluorescence	Secretions

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		antigen concentrations for infectious agents		

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

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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 Publication on: 2022-12-05