

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 Medical laboratories – Requirements for quality and competence
Program Specialty Area:	Medical
Initial Accreditation:	2022-10-10
Most Recent Accreditation:	2024-06-07
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.*

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.

- Biron Laboratoire Médical Inc., 800, Square Victoria, suite 2700, Montréal (Québec) H4Z 1C3 (CCN No.: 151321/BNQ No.: 66223-1)

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
- 05.7 HEMATOLOGY – IMMUNOLOGY

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
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and	Spectrophotometry	Blood, blood products and urine

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		inorganic molecules and enzymatic activity		
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Enzymatic immunoassays (chiluminescence, EIA and derivatives)	Blood, blood products urine and feces
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Refractometry	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Turbidimetric-immunoassay	Blood, blood products urine and feces
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Potentiometry	Blood, blood products and urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Electrophoresis	Blood and blood products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Electrophoresis - Immunofixation	Blood and blood products
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Turbidimetry	Urine
01.0 BIOCHEMISTRY	01.1 Biochemistry – clinical	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Spectrophotometry	Blood and blood products
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Enzymatic immunoassay (chiluminescence, EIA et derivatives)	Blood and blood products
01.0 BIOCHEMISTRY	01.2 Biochemistry – hormonal	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Immuno chromatography	Urine
01.0 BIOCHEMISTRY	01.3 Biochemistry – immunology	Detection, identification, and/or determination of the concentration of organic and	Qualitative or quantitative agglutination	Blood and blood products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		inorganic molecules and enzymatic activity		
01.0 BIOCHEMISTRY	01.3 Biochemistry – immunology	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	Enzymatic immunoassay (chiluminescence, EIA et derivatives)	Blood and blood products
01.0 BIOCHEMISTRY	01.5 Biochemistry – toxicology	Detection, identification and/or determination of the concentration of the toxic analyte or substance	Spectrophotometry	Urine
01.0 BIOCHEMISTRY	01.5 Biochemistry – toxicology	Detection, identification and/or determination of the concentration of the toxic analyte or substance	Enzymatic immunoassay (EMIT, CEDIA)	Urine
02.0 MOLECULAR BIOLOGY	02.1 Pharmacogenetic	Detection for genetic markers influencing medication response	Genotyping by primer extension	Secretions
02.0 MOLECULAR BIOLOGY	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 and clinical samples
05.0 HÉMATOLOGY	05.2 Hematology – cytology	Hemogram, detection, identification and/or cell count	Microscopic examination including preparation	Blood and blood products
05.0 HÉMATOLOGY	05.2 Hematology – cytology	Hemogram, detection, identification and/or cell count	Flow cytometry - impedancemetry - fluorescence - Calculation - Spectrophotometry	Blood and blood products
05.0 HÉMATOLOGY	05.2 Hematology – cytology	Hemogram, detection, identification and/or cell count	Flow cytometry	Blood and blood products
05.0 HÉMATOLOGY	05.3 Hematology - erythrocytic	RBC aggregation	Precipitation / Photometry	Blood and blood products
05.0 HÉMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Immunoassay-fluorescence	Blood and blood products
05.0 HÉMATOLOGY	05.5 Hematology – hemostasis	Determination of hemostasis parameters	Chronogenic	Blood and blood products
05.0 HÉMATOLOGY	05.5 Hematology – hemostasis	Detection and identification of nucleic acids, toxins, enzymes, bacterial antibodies, and antigens	Chronogenic	Blood and blood products
05.0 HÉMATOLOGY	05.7 Hematology – immunology	Detection, identification and/or determination of concentration of proteins, anticoagulants, antibodies	Immunoassay fluorescence	Blood and blood products
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Preparation for detection and identification of bacteria	Bacterial culture	Sperm, urine, feces, and secretions
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Detection and identification of bacterial nucleic acids, toxins, enzymes antibodies and antigens	Immuno chromatography	Feces

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
07.0 MICROBIOLOGY	07.1 Microbiology – bacteriology	Detection, identification and/or determination of antibody or antigen concentrations for infectious agents	Immunochemistry	Secretions
07.0 MICROBIOLOGY	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
07.0 MICROBIOLOGY	07.2 Microbiology – immunoserology	Detection, identification and/or determination of antibody or antigen concentrations for infectious agents	Enzymatic immunoassay- (chemiluminescence, EIA et derivatives)	Blood and blood products
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	Hemogram, search, identification and or cell count	Microscopic examination including preparation	Blood and blood products
07.0 MICROBIOLOGY	07.5 Microbiology – parasitology	Detection and identification of parasites	Microscopic examination including preparation	Blood and blood products, feces, secretions
07.0 MICROBIOLOGY	07.6 Microbiology – virology	Detection, identification and/or determination of antibody or antigen concentrations for infectious agents	Immunoassay-fluorescence	Secretions

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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 Vice President, Accreditation Services
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