MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Legal Name of Accredited Laboratory:	**Biron Laboratoire Médical Inc.**
Contact name:	Marie-France Marcotte, Directrice Qualité et conformité
Address:	4105F, boulevard Matte Brossard (Québec) J4Y 2P4
Telephone:	514-866-5005 2211
Website:	www.biron.com
Email:	mfmarcotte@biron.com

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;
Initial Accreditation:	2022-10-10
Most Recent Accreditation:	2025-01-25
Accreditation Valid to:	2030-10-10
Medical Principal Disciplines:	Biochemistry Hematology Microbiology Molecular biology

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
- 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 inorganic molecules and enzymatic activity	**Spectrophotometry**	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	**Enzymatic immunoassays (chimiluminescence, 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

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
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 (chimiluminescence, EIA et derivatives)**	Blood and blood products

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	**01.2 Biochemistry hormonal**	Detection, identification, and/or determination of the concentration of organic and inorganic molecules and enzymatic activity	**Immunochromatography**	Urine
01.0 BIOCHEMISTRY	**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
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 (chimiluminescence, 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

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
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, 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	**Chromogenic**	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	**Immunochromatography**	Feces

Discipline	Sub-discipline	Nature of the test	Analytical principle	Matrix (sample)
		bacterial nucleic acids, toxins, enzymes antibodies and antigens		
07.0 MICROBIOLOGY	**07.1 Microbiology bacteriology**	Detection and identification of bacterial nucleic acids, toxins, enzymes antibodies and antigens	**Isotope Ratio Mass Spectrometry**	Clinical Sample
07.0 MICROBIOLOGY	**07.1 Microbiology bacteriology**	Detection, identification and/or determination of antibody or antigen concentrations for infectious agents	**Immunochromatography**	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- (chimiluminescence, 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.

Elias Rafoul
Vice President, Accreditation Services
Publication on: 2025-01-27