

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: Public Health Agency of Canada

Location Name or Operating as (if applicable): National Microbiology Laboratory

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SCC File Number:	15734
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological
Initial Accreditation:	2005-10-13
Most Recent Accreditation:	2022-07-26
Accreditation Valid to:	2025-10-13

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.

- 15340 - Public Health Agency of Canada, National Microbiology Laboratory, 110 Stone Road West, Guelph, ON, N1G 3W4, Accredited Laboratory No. 265
- 151004 - Public Health Agency of Canada, National Microbiology Laboratory, 3400, Boulevard Casavant Ouest, Saint-Hyacinthe, QC, J2S 8E3, Accredited Laboratory No. 818

MEDICAL

Medical Testing:

Virology (and Prions)

Antibodies of the IgG class against Measles virus in cerebrospinal fluid**	Determination of Measles IgG Antibody Production in CSF for SSPE Diagnosis (VESTD-PR-017)**
Circulex®14-3-3 Gamma ELISA	ELISA of Human Cerebrospinal Fluid (CSF) for 14-3-3 Gamma Protein (PDP-RS-073)
IBL Measles Virus/IgM microcapture ELISA kit/ Euroimmun Anti-Rubella Virus Glycoprotein IgM ELISA kit/ Microimmune Rubella IgM capture EIA kit**	Measles/Rubella IgM Serology Testing (VESTD-PR-014)**
EV-PR-018	Complete Test Algorithm for Poliovirus Detection and Molecular Characterization
Fujirebio INNOTEST® hTAU Ag	ELISA of Human Cerebrospinal Fluid (CSF) for Total Microtubule-associated Protein (tau) (PDP-RS-037)
BADD-WI-014/015 (A, B, D)	Federal Surge Laboratory SARS-CoV-2 Extraction and qPCR Method
IRV-PR-001	Influenza Hemagglutination Inhibition Test
IRV-PR-013	Real-time RT-PCR Procedures for Genotyping of Influenza Viruses
IRV-PR-022	Influenza Antiviral Resistance Testing by Sequence Analysis
IRV-PR-029	Diagnostic Real-time RT-PCR Detection of MERS-CoV
IRV-PR-031	Real-Time RT-PCR Detection of SARS-CoV-2
PDP-RS-100	Genomic Sequencing of the <i>PRNP</i> Gene
PDP-RS-200	Biochemical Subtyping of Human Prion Diseases
PDP-RS-300	End-Point Quaking-Induced Conversion (EP-QuIC) Assay
RRR-RS-001	Rabies Serum Neutralization Assay
SP-PR-001/2	Hantavirus Serology
SP-PR-007	PCR Testing in Special Pathogens Program
VESTD-PR-011**	Complete Process Method for <i>Varicella Zoster</i> Virus Strain Differentiation**
VESTD-PR-012**	Complete Process Method for Measles Virus Specimens Submitted for RT-PCR (Modification)**
VESTD-PR-013**	Complete Process Method for Mumps Virus Specimens Submitted for RT-PCR**
Euroimmun Anti-Rubella Virus ELISA IgG Kit**	Rubella IgG Avidity using the Euroimmun Kit (VESTD-PR-016)**
VESTD-PR-036**	Complete Process Method for Rubella Virus Specimens Submitted for RT-PCR**

VSD-PR-009**	Human <i>Papilloma</i> Virus Genotyping by PCR Amplification and Luminex**
VESTD-PR-022**	Amplification and Quantification of Human Polyomavirus DNA by Quantitative PCR**
VESTD-PR-030**	<i>Chlamydia trachomatis</i> Detection by qPCR and Genotyping by PCR Amplification and Direct Sequencing**
VZ-PR-001	West Nile Virus IgM Antibody Capture ELISA (WNV MAC-ELISA)
VZ-PR-007	Molecular Detection of Zika Viral RNA in Serum and Urine by Real-time RT-PCR
Wantai HEV-IgM and -IgG ELISA	Serological Detection of HEV (BBP-PR-034)

Microbiology (Bacteriology)

Sensititre™ Complete Automated System for Automated Reading of Sensititre Broth Microdilution Susceptibility Plates	Antimicrobial Susceptibility Testing on <i>Corynebacterium</i> species and other Coryneforms using Sensititre® Plates (SB-PR-075)
Sensititre™ Complete Automated System for Automated Reading of Sensititre Broth Microdilution Susceptibility Plates	Antimicrobial Susceptibility Testing on <i>Streptococcus</i> spp. using Sensititre® Plates (SC-PR-104)
BACTEC™ MGIT™ 960 AST System	BACTEC MGIT 960 Procedure for Primary Antimicrobials (TB-PR-035)
BACTEC™ MGIT™ 960 AST System	BACTEC MGIT 960 Procedure for Second Line Antimicrobials (TB-PR-038)
BADD-PR-009	Multiple-Locus Variable-Number Tandem Repeat Analysis
BADD-PR-011	Custom Antibiotic Susceptibility Testing
*BADD-PR-018	Real-time PCR Screening Procedure for Security Sensitive Bacterial Agents
*BADD-PR-019	Real-time PCR Confirmatory Procedure for Security Sensitive Bacterial Agents
BADD-PR-020	Canonical/Melt-Mama Single Nucleotide Polymorphism Genotyping for <i>B. anthracis</i> , <i>F. tularensis</i> , and <i>Y. pestis</i>
BADD-PR-022	<i>Brucella</i> spp. Canonical Single-Nucleotide Polymorphism Genotyping
BADD-PR-023	Ricin Antigen Capture ELISA
BADD-PR-026	MALDI-TOF MS Bacterial Identification
BADD-PR-027/-028/-029	Whole Genome Sequencing for Security Sensitive Biological Agents
BD Difco Venereal Disease Research Laboratory (VDRL) Screening Test for Syphilis	BD Difco Venereal Disease Research Laboratory (VDRL) Screening Test for Syphilis (NSB-PR-004)

Broth Microdilution (MIC) Method: For Rapidly Growing Mycobacteria (RGM), Slowly Growing Nontuberculosis Mycobacteria, Nocardia and other Aerobic Actinomycetes	Microbroth Dilution (MIC) Method for Susceptibility Testing of Rapidly Growing (TB-PR-007) and MAI and Slowly Growing Mycobacteria (TB-PR-008) (modification i.e. expansion of test scope)
DED-PR-050	Identification of Enteric Pathogens
DED-PR-350	Genomics-Based Identification and Characterization of Enteric Bacterial Pathogens
DED-PR-650	General PCR Protocol for Toxin Gene Detection
Focus Diagnostics <i>Anaplasma phagocytophilum</i> IFA IgG	Detection of IgG Antibodies to <i>Anaplasma phagocytophilum</i> in Human Serum by Indirect Immunofluorescent Assay (FS-PR-010)
Focus Diagnostics <i>Bartonella</i> IFA IgG	Detection of IgG Antibodies to <i>Bartonella</i> in Human Serum by Indirect Immunofluorescent Assay (FS-PR-014)
Euroimmun Antibodies Against <i>Borrelia</i> (IgG), Euroimmun Antibodies Against <i>Borrelia burgdorferi</i> US (IgG)", Euroimmun Antibodies Against <i>Borrelia garinii</i> (IgG)", Euroimmun Antibodies of the IgG Class Against <i>Borrelia</i> in Cerebrospinal Fluid, and Zeus pepC10/VlsE <i>B. burgdorferi</i> (Lyme) ELISA Kit	The Serological Diagnosis of Lyme Disease (FS-PR-008)
Panbio <i>Leptospira</i> IgM ELISA	Screening Assay for the Detection of <i>Leptospira</i> IgM Antibodies in Human Serum (FS-PR-015)
RPR Screening Test for Syphilis	PULSE Scientific Rapid Plasma Reagin (RPR) Screening Test for Syphilis (NSB-PR-002)
SB-PR-074	PCR and Sequencing of the 16S rRNA Gene for Bacterial Identification
SC-PR-002	Agar Dilution Method for Susceptibility Testing of <i>Neisseria gonorrhoeae</i>
SC-PR-101	<i>Streptococcus pneumoniae</i> Serotyping
Sensititre™ Complete Automated System for Automated Reading of Sensititre Broth Microdilution Susceptibility Plates	Antimicrobial Susceptibility Testing of Enteric Pathogens using the Sensititre™ Automated System (ARNI-PR-001)
SERODIA-TP-PA Test for the Detection of Antibodies to <i>Treponema pallidum</i>	SERODIA-TP-PA Test for the Detection of Antibodies to <i>Treponema pallidum</i> (NSB-PR-001)
TB-PR-028 TB-PR-040	MIRU-VNTR, Automated Method Real-time PCR for the Detection of <i>Mycobacterium</i> Species in Clinical Samples on the ABI StepOne Plus
TB-PR-044	MALDI-TOF MS Mycobacterial Identification

*Xpert® MTB/RIF	Cepheid GeneXpert MTB/RIF Protocol (TB-PR-045)
ZEUS Scientific FTA-ABS IFA Test System	ZEUS Scientific FTA-ABS IFA Test System for Syphilis (NSB-PR-005)

Number of Scope Listings: 61

Notes:

* These test methods can be performed on-site as per RG-Lab.

** Work associated with these test methods is performed at 745 Logan Ave, Winnipeg, MB, R3E 3L5.

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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