



Valid from 18 January 2025  
to 17 January 2029  
Issued on 22 September 2025

As an accredited laboratory, this laboratory is entitled to  
use the following accreditation symbol.



**ISO 15189**  
**ML 037-01**

## Schedule of Accreditation

Accreditation Scheme for Medical/Clinical Laboratories  
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: ML 037-01

**Clinical Bacteriology Laboratory, Medical Research Institute,  
Colombo 08**

**Scope of Accreditation:** Performing Medical/Clinical testing under the fields of Molecular  
Biology, Microbiology and Serology

The laboratory is accredited for the following tests.

Sl	Field of Testing	Test	Test Method	Test Instrument	Linearity range
1	<b>Bacteriology/ Serology</b>	Gram stain Sterile fluids, CSF/ wound swab/ pus/ discharge/ tissue/ lower respiratory specimens/ throat swab/ urine/ eye and ear discharge/ isolates/ bone marrow	Microscopic Gram staining method	Microscope	Presence or absence of pus cells/ epithelial cells/ organisms
2		Aerobic culture isolation Blood, bone marrow, sterile fluid	By Fluorometry on BACTEC	BD BACTEC FX 200	Positive/ Negative
3		Aerobic culture isolation, identification and antimicrobial susceptibility testing Sterile fluids/ CSF/ wound swab/ pus/ discharge/ tissue/ lower respiratory specimens/ throat swab/ urine/ eye and ear discharge	Conventional method; differential and selective culture media, Biochemical/ Morphological/ Microscopical Identification  Automated fluorometry *Antimicrobial Susceptibility Testing (AST) by CLSI	Manual  Incubator   BD Phoenix® 100	Positive/ Negative    Susceptible/ Intermediate/ Resistant/ Non-susceptible
4		Aerobic culture isolation, identification and antimicrobial susceptibility testing - CVP catheter tip	Manual	Manual Incubator	No growth Insignificant growth/ significant growth
5		Aerobic culture Identification from clinical isolates and other sources	Identification by; Automated fluorogenic and chromogenic	BD Phoenix® 100	Confirmed/ Not identified

Sl	Field of Testing	Test	Test Method	Test Instrument	Linearity range
6	<b>Bacteriology/ Serology</b>	<i>S. aureus</i> screening swabs Nasal, perineum, throat, axillae, wound swab/s	Conventional method; differential and selective culture media, Biochemical/ Morphology/ Microscopic identification	Manual Incubator	<i>S. aureus</i> / MRSA isolated  <i>S. aureus</i> not isolated  No growth
7		Bacterial culture Cabapenemas es detection	mCIM by CLSI	Manual Incubator	Present / absent
8		<i>Leptospira</i> Culture Blood	Conventional by semisolid and broth media	Manual Incubator	Growth present / No growth
9		Antimicrobial Susceptibility Test (AST) Isolate blood	Disk diffusion method CLSI	Manual Incubator	Susceptible/ Intermediate/ Resistant/Non- susceptible
10		Antimicrobial Susceptibility Test (AST) MIC Isolate	E test method CLSI	Manual Incubator	Susceptible/ Intermediate/ Resistant / Non- susceptible
11		Antimicrobial Susceptibility Test (AST) MIC Isolate	Automated MIC CLSI	BD Phoenix® 100	Susceptible/ Intermediate/ Resistant / Non- susceptible
12		Antimicrobial Susceptibility Test (AST) Minimum Inhibitory Concentration Isolate	Agar dilution	Manual Incubator	≤ 0.25 to ≥128 µg/mL
			Broth dilution	Manual Incubator	≤ 0.001 to ≥64 µg/mL
13		<i>Mycoplasma</i> antibody detection Blood/ serum	Particle agglutination	Manual	Negative/ Equivocal/ Significant
14	<i>Leptospira</i> Antibody detection Blood/ serum	Microscopic Agglutination Test (MAT)	Manual Microscope	Negative Insignificant Equivocal/ Significant	

Sl	Field of testing	Test	Test Method	Test Instrument	Linearity range
01	Molecular Biology	Detection of DNA <i>Bordetella pertussis</i> , <i>B. parapertussis</i> Blood/ serum/ Isolate	Molecular assay Method 1 Method 2	Realtime PCR Multiplex	<i>B.pertussis</i> 0.74 genome copies, <i>B.parapertussis</i> 0.60 genome copies  ≥ 10 DNA copies / reaction
02		<i>Streptococcus pneumoniae</i> DNA detection Blood/ serum/ Isolate	Molecular assay	Realtime PCR	≥10 DNA copies per reaction
03		<i>Neisseria meningitidis</i> DNA detection Blood/ serum/ Isolate	Molecular assay	Realtime PCR	≥10 DNA copies per reaction
04		<i>H. influenzae</i> DNA detection Blood/ serum/ Isolate	Molecular assay	Realtime PCR	≥10 DNA copies per reaction

Acting Director/CEO

Sri Lanka Accreditation Board for Conformity Assessment  
Colombo, Sri Lanka