



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**DEPARTMENT OF MICROBIOLOGY, ALL INDIA
INSTITUTE OF MEDICAL SCIENCES (AIIMS), NEW DELHI**

has been assessed and accredited in accordance with the standard

ISO 15189:2012

**"Medical laboratories - Requirements for quality and
competence"**

for its facilities at

DEPARTMENT OF MICROBIOLOGY, SECOND FLOOR, TEACHING BLOCK, ALL INDIA INSTITUTE OF
MEDICAL SCIENCES, ANSARI NAGAR, NEW DELHI, SOUTH, DELHI, INDIA

in the field of

Medical Testing

Certificate Number: MC-3267

Issue Date: 15/11/2021

Valid Until:

14/11/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued
satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : ALL INDIA INSTITUTE OF MEDICAL SCIENCES

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

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17/02/2022

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|--------------------|--|---|--|---|
| Permanent Facility | | | | |
| 1 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood | Examination of concentrated mounts for microfilaria | Light microscopy |
| 2 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood | Filariasis antigen detection | Immuno-chromatographic test |
| 3 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood | Malaria antigen detection | Immuno-chromatographic test- LDH or HRP 2 based |
| 4 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood | Peripheral smear for parasites (Giemsa stained) | Light microscopy |
| 5 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood | Quantitative Buffy Coat assay | Fluorescent microscopy |
| 6 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood and bone marrow, Sputum/BAL/miniBAL/Endotracheal aspirate (Respiratory samples), Swab/Pus/ drain fluid/aspirate/catheter tip/biopsy/ urine/PCN/ CSF/Ascitic Fluid, Cerebrospinal Fluid, Pericardial Fluid, Pleural Fluid, Synovial Fluid, Peritoneal fluid /stool | Antimicrobial Susceptibility test | Antimicrobial susceptibility testing by automated system |
| 7 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood and bone marrow, Sputum/BAL/miniBAL/Endotracheal aspirate (Respiratory samples), Swab/Pus/ drain fluid/aspirate/catheter tip/biopsy/ urine/PCN/ CSF/sterile body fluids/stool | Culture and susceptibility test | Culture identification (conventional methods and MALDI TOF) and susceptibility testing by disk diffusion method |
| 8 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood, Bone marrow, CSF, Respiratory sample(Sputum, BAL, mini BAL, Endotracheal aspirate), Swab, Pus, Drain fluid, Aspirates, catheter tip, Biopsy, Urine, Percutaneous nephrostomy, Sterile body fluids(Ascitic fluid, Pericardial fluid, Synovial fluid, CSF, Peritoneal fluid, Pleural fluid), Stool. | Culture | Automated microbial detection system |
| 9 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Blood, Bone marrow | Fungal culture | Rapid automated culture |
| 10 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Bone Marrow | Smear examination for L-D bodies by Giemsa staining | Light microscopy |



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| 11 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Bone marrow, Tissue, lymph node aspirates | Giemsa stain for dimorphic fungi like Histoplasma capsulatum,, Talaromyces marneffeii, Blastomyces dermatitidis etc. | Microscopy |
| 12 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | CSF & Serum | Cryptococcus antigen test | Latex agglutination test |
| 13 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | CSF, Respiratory samples (Sputum, BAL, mini-BAL, Endotracheal aspirate, etc), Sterile body fluids (pleural, peritoneal, synovial etc), Urine, Tissues, Pus, hydatid fluid | Wet mount examination for parasites | Light microscopy |
| 14 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | CSF, sterile body fluids | India Ink for capsulated fungi eg. Cryptococcus neoformans | Microscopy |
| 15 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Endocervical swab, Urethral swab, Urine, Rectal swab, Oropharyngeal swab | Culture for Mycoplasma hominis | Culture on standard Mycoplasma media |
| 16 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Endocervical swab, Urethral swab, Urine, Rectal swab, Oropharyngeal swab | Culture for Ureaplasma spp. | Culture on standard Ureaplasma media |
| 17 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Pulmonary specimens (Sputum, Bronchial Lavage, Bronchial wash, Trans-Bronchial Aspirate, Tracheal Aspirate) Extra pulmonary specimens Sterile Body Fluids (Ascitic Fluid, Aqueous Tap, Cerebrospinal Fluid, Pericardial Fluid, Pleural Fluid, Synovial Fluid, Vitreous Tap), Urine, Aspirated Fluids (Endometrial Aspirate, Endotracheal Aspirate Lymph Node, Pus) Tissue biopsy (Biopsy from Gastrointestinal Tract, Brain Biopsy, Endometrial Tissue, Pericardial Biopsy, Pleural Biopsy, Skin Biopsy, Synovial Tissue) | AFB Smear (ZiehlNeelsen Staining) | Microscopy |
| 18 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Pulmonary specimens (Sputum, Bronchial Lavage, Bronchial wash, Trans-Bronchial Aspirate, Tracheal Aspirate) Extra pulmonary specimens Sterile Body Fluids (Ascitic Fluid, Aqueous Tap, Cerebrospinal Fluid, Pericardial Fluid, Pleural Fluid, Synovial Fluid, Vitreous Tap), Urine, Aspirated Fluids (Endometrial Aspirate, Endotracheal Aspirate Lymph Node, Pus), Tissue biopsy | Drug Susceptibility Test - first line and second line drugs MGIT 960 Liquid Culture DST | Drug susceptibility testing for Mycobacteria |



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| 19 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Pulmonary specimens (Sputum, Bronchial Lavage, Bronchial wash, Trans-Bronchial Aspirate, Tracheal Aspirate) Extra pulmonary specimens Sterile Body Fluids (Ascitic Fluid, Aqueous Tap, Cerebrospinal Fluid, Pericardial Fluid, Pleural Fluid, Synovial Fluid, Vitreous Tap), Urine, Aspirated Fluids (Endometrial Aspirate, Endotracheal Aspirate Lymph Node, Pus), Tissue biopsy | Lowenstein Jenson Solid Culture for Mycobacteria | Culture identification for MTB complex and NTM |
| 20 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Pulmonary specimens (Sputum, Bronchial Lavage, Bronchial wash, Trans-Bronchial Aspirate, Tracheal Aspirate) Extra pulmonary specimens Sterile Body Fluids (Ascitic Fluid, Aqueous Tap, Cerebrospinal Fluid, Pericardial Fluid, Pleural Fluid, Synovial Fluid, Vitreous Tap), Urine, Aspirated Fluids (Endometrial Aspirate, Endotracheal Aspirate Lymph Node, Pus), Tissue biopsy | MGIT 960 Mycobacteria Liquid Cultures. | Automated culture identification for MTB complex and NTM |
| 21 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Anti-Streptolysin O | Agglutination test |
| 22 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Brucella Antibody Standard Agglutination Test (SAT) | Tube Agglutination |
| 23 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Chikungunya IgM antibody | ELISA |
| 24 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Chlamydia pneumonia IgM antibody detection assay | ELISA |
| 25 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Dengue IgM antibody | ELISA |
| 26 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Dengue NS1 Antigen | ELISA |
| 27 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Echinococcus IgG | ELISA |
| 28 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Entamoeba histolytica IgG | ELISA |
| 29 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Helicobacter pylori (H.pylori) IgG Antibody detection | Chemiluminescence Immunoassay (CLIA) |
| 30 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Human Treponema Palladium Antibodies Test (TPHA) | Hemagglutination Method |



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| 31 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Legionella pneumophila IgM antibody detection assay | ELISA |
| 32 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Leptospira IgM antibody detection assay | ELISA |
| 33 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Scrub Typhus IgM antibody detection assay | ELISA |
| 34 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Serum Procalcitonin Concentration | Chemiluminescence Immunoassay (CLIA) technology |
| 35 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Toxoplasma IgG | ELISA |
| 36 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Venereal disease research laboratory test (VDRL) | Slide flocculation test |
| 37 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | Visceral leishmaniasis antibody (rK-39) | Immuno-chromatography test |
| 38 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Serum | WIDAL | Agglutination test (Tube Method) |
| 39 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Sputum, BAL, mini-BAL, Endotracheal aspirate, Sterile body fluids (pleural, peritoneal, synovial etc), Tissues, Pus, Swabs | KOH-Calcofluor white stain | Microscopy |
| 40 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Sputum, BAL, mini-BAL, Endotracheal aspirate, Sterile body fluids (pleural, peritoneal, synovial etc), Urine, Tissues, Pus, Swabs, CSF, Bone marrow | Fungal culture | Conventional culture on standard media |
| 41 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Sputum, BAL, mini-BAL, Endotracheal aspirate, Sterile body fluids (pleural, peritoneal, synovial etc), Urine, Tissues, Pus, Swabs, CSF, Bone marrow | Gram's stain for Bacteria | Microscopy |
| 42 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Sputum, BAL, mini-BAL, Endotracheal aspirate, Sterile body fluids (pleural, peritoneal, synovial etc), Urine, Tissues, Pus, Swabs, CSF, Bone marrow | Gram's stain for Fungi | Microscopy |
| 43 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Sputum, Throat swab, BAL, Pleural fluid, CSF, Synovial fluid | Culture & antibody detection for Mycoplasma Pneumoniae | Conventional culture |
| 44 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Stool | Hanging drop for darting motility of Vibrio Cholerae | Microscopy |
| 45 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Stool | Helicobacter pylori (H.pylori) Antigen detection | Chemiluminescence Immunoassay (CLIA) technology |



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| 46 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Stool | Toxin detection for C.difficle | ELISA |
| 47 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Stool, Pus, Tissue biopsy, Blood, Dental plaques, BAL, CSF, Ascitic fluid, Heart valve tissue | Anaerobic culture and Sensitivity | Conventional culture, identification and Sensitivity |
| 48 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Stool, Pus, Tissue biopsy, Dental plaques, BAL, CSF, Ascitic fluid, Heart valve tissue | Gram stain for anaerobic Gram negative bacteria | Microscopy |
| 49 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Stool/fecal specimen | Stool examination for coccidia | Light microscopy of modified acid-fast stained smears |
| 50 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Stool/fecal specimen | Stool examination for parasites | Light microscopy of saline and iodine mounts |
| 51 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Urethral discharge/ cervical discharge/ Pharyngeal Swab/Rectal Swab | Gram's Staining for GNDC | Microscopy |
| 52 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Urethral discharge/ cervical discharge/ Pharyngeal Swab/Rectal Swab | Culture and sensitivity for Neisseria Gonorrhoeae | Culture identification and antimicrobial susceptibility by disk diffusion method |
| 53 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Urine | Legionella pneumophila urine antigen detection | Immunochromatography |
| 54 | MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY | Sputum, Throat swab, BAL, Pleural fluid, CSF, Synovial fluid | Antibody detection for Mycoplasma Pneumoniae | ELISA |
| 55 | MOLECULAR TESTING | Nasopharyngeal swab and oropharyngeal swab specimens | Beta COV & SARS COV-Coronavirus detection | Real Time RT PCR Closed system |
| 56 | MOLECULAR TESTING | Nasopharyngeal swab and oropharyngeal swab specimens | SARS-CoV-2 RNA Qualitative | Real Time RT PCR CBNAAT Closed System |
| 57 | MOLECULAR TESTING | Pulmonary specimens (Bronchial Lavage, Bronchial wash, Trans-Bronchial Aspirate, Tracheal Aspirate) Extra pulmonary specimens Sterile Body Fluids (Ascitic Fluid, Aqueous Tap, Cerebrospinal Fluid, Pericardial Fluid, Pleural Fluid, Synovial Fluid, Vitreous Tap), Urine, Aspirated Fluids (Endometrial Aspirate, Endotracheal Aspirate Lymph Node, Pus), Tissue biopsy | Single Polymerase Chain Reaction targeting Mpt64 gene | Conventional PCR in Open System. |



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| 58 | MOLECULAR TESTING | Pulmonary specimens (Sputum, Bronchial Lavage, Bronchial wash, Trans-Bronchial Aspirate, Tracheal Aspirate) Extra pulmonary specimens Sterile Body Fluids (Ascitic Fluid, Aqueous Tap, Cerebrospinal Fluid, Pericardial Fluid, Pleural Fluid, Synovial Fluid, Vitreous Tap), Urine, Aspirated Fluids (Endometrial Aspirate, Endotracheal Aspirate Lymph Node, Pus), Tissue biopsy | MTB/Rif | Real Time PCR closed System (Cartridge Based Nucleic Acid Amplification Test) |
| 59 | MOLECULAR TESTING | Sputum, BAL | Legionella pneumophila | Real Time PCR Open System |
| 60 | MOLECULAR TESTING | Stool, Tissue | Clostridiodes difficile | Conventional PCR in open system. |
| 61 | MOLECULAR TESTING | Throat swab, BAL, PPLO broth, ET aspirate, Nasopharyngeal aspirate | Mycoplasma pneumonia | Real Time PCR Open System |
| 62 | MOLECULAR TESTING | Throat/ Nasal swab in VTM | Influenza RNA Qualitative | Real Time RT-PCR Open System |
| 63 | MOLECULAR TESTING | Throat/ Nasal swab in VTM | SARS Coronavirus-2 | Real Time RT-PCR Open System |
| 64 | MOLECULAR TESTING | Urine, Whole blood | Leptospira spp | Conventional PCR, open system. |
| 65 | MOLECULAR TESTING | Whole blood, lymph node aspirate, eschar biopsy | Orientia tsutsugamushi | Nested PCR, Open System |