

Quality And Accreditation Institute Centre for Laboratory Accreditation



Scope of Accreditation

Narayana Nethralaya Institute of Molecular Diagnostics & Laboratory Services

Narayana Health City, 258/A, Bommasandra,
Bengaluru-560099, Karnataka, India

QAI/CLA/ML/2019/0003

(Date of First Accreditation: 18 February 2019)

Valid from : 18 February 2023

Valid until : 17 February 2025

Accreditation Standard: ISO 15189:2012

Clinical Biochemistry

Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Serum	Albumin	Bromocresol Green
2.	Serum	Alkaline Phosphatase	PNPP, Kinetic
3.	Serum	Bilirubin (Total)	Diazotization (DCA)
4.	Serum	Bilirubin (Direct)	Diazotization (DCA)
5.	Serum	Total Cholesterol	CHOD-PAP
6.	Serum	Creatinine	Alkaline Picrate-Jaffe's Method
7.	Plasma/Serum	Glucose (FBS/PPBS/RBS)	GOD-POD
8.	Serum	Protein (Total)	Biuret, Endpoint
9.	Serum	SGOT (AST)	IFCC without P5P
10.	Serum	SGPT (ALT)	IFCC without P5P
11.	Serum	Triglycerides	GPO-PAP
12.	Serum	Urea	Urease, UV
13.	EDTA	HbA1c	Boronate Affinity
14.	Serum	Homocysteine	Enzymatic Recycling



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Haematology & Immunohaematology

Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	EDTA Blood	Differential WBC Count	Cell Counter
2.	Citrate Blood	ESR	Westergren Method
3.	EDTA Blood	Haemoglobin	Photometric
4.	EDTA Blood	Mean Corpuscular Haemoglobin (MCH)	Particle Cell Counter Calculated from Hgb/RBC Count
5.	EDTA Blood	Mean Corpuscular Haemoglobin Concentration (MCHC)	Particle Cell Counter Calculated from Hgb/Hct
6.	EDTA Blood	Mean corpuscular Volume (MCV)	Particle cell counter calculated from Hct/RBC
7.	EDTA Blood	Packed Cell Volume (PCV)	RBC pulse height detection
8.	EDTA Blood	Platelet Count	Electrical Impedance
9.	EDTA Blood	RBC Count	Electrical Impedance
10.	EDTA Blood	Total Leukocyte Count	Electrical Impedance
11.	EDTA Blood	Blood Group and Rh Typing	Agglutination



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Clinical Pathology

Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Urine	Protein	Automated Strip Reader
2.	Urine	Glucose	Automated Strip Reader
3.	Urine	pH	Automated Strip Reader
4.	Urine	Specific Gravity	Automated Strip Reader
5.	Urine	Blood	Automated Strip Reader
6.	Urine	Bilirubin	Automated Strip Reader
7.	Urine	Urobilinogen	Automated Strip Reader
8.	Urine	Ketone Bodies	Automated Strip Reader
9.	Urine	Nitrite	Automated Strip Reader
10.	Urine	Leukocytes	Automated Strip Reader



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Microbiology & Serology

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1.	Eye Fluids, Conjunctival-Swabs, Corneal Scrapings, Button, Tissues, Pus, Inoculated Plate	Aerobic Culture	Culture on Basic Media Plates. Conventional Culture Techniques
2.	Urine	Aerobic Culture	Culture on Basic Media Plates. Semi Quantitative Method
3.	Eye Fluids, Conjunctival-Swabs, Corneal Scrapings, Button, Tissues, Pus, Inoculated Plate	Fungal Culture	Culture on Sabouraud Dextrose Agar
4.	Eye Fluids, Conjunctival-Swabs, Corneal Scrapings, Button, Tissues, Pus	Fungal Smear KOH Mount/ KOH Calcofluor White Stain	Light Microscopy/Fluorescent Microscopy
5.	Eye Fluids, Conjunctival-Swabs, Corneal Scrapings, Tissues, Pus	Gram Stain	Light Microscopy
6.	Serum/ Plasma	Hepatitis B Surface Antigen	Immunochromatographic
7.	Serum/ Plasma	Hepatitis C Virus Antibody	Immunochromatographic
8.	Serum/ Plasma	HIV 1 & 2 Antibody Screening	Immunochromatographic
9.	Serum/ Plasma	Treponema Pallidum Hemagglutination	Hemagglutination
10.	Serum	Immunoglobulin E Total	Turbidimetry
11.	Plasma	TB GOLD-IGRA	ELISA



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Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
1.	Tissues and All Clinical Body Fluids	<i>Mycobacterium tuberculosis</i> (MTB) & NTM	Real Time Qualitative PCR
2.	Ocular Samples and All Clinical Body Fluids	Eubacterial Genome	Nested Qualitative PCR
3.	Ocular Samples	Propionibacterium Acne	Nested Qualitative PCR
4.	Ocular Samples, Tissues and All Clinical Body Fluids	Panfungal Genome	Qualitative PCR
5.	Ocular samples, tissues and All Clinical Body Fluids	<i>Toxoplasma gondii</i>	Nested Qualitative PCR
6.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	<i>Cytomegalo virus</i> (CMV)	Real Time Qualitative PCR
7.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Herpes Simplex virus (HSV1)	Real Time Qualitative PCR
8.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Herpes Simplex virus (HSV2)	Real Time Qualitative PCR
9.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Varicella zoster virus (VZV)	Real Time Qualitative PCR
10.	Throat Swab, Nasopharyngeal Swab and Bronchial Aspirates	Swine Flu H1N1	Real Time Qualitative PCR



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Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
11.	Oropharyngeal and Nasopharyngeal Swabs	Covid-19	Real Time Qualitative PCR
12.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Cytomegalovirus (CMV)	Real Time Quantitative PCR
13.	EDTA Blood	Hepatitis B virus (HBV)	Real Time Quantitative PCR
14.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Epstein-Barr virus (EBV)	Real Time Quantitative PCR
15.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Adeno Virus	Real Time Quantitative PCR
16.	EDTA Blood	Hepatitis C virus (HCV)	Real Time Quantitative PCR
17.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Herpes Simplex virus (HSV1)	Real Time Quantitative PCR
18.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Herpes Simplex virus (HSV2)	Real Time Quantitative PCR
19.	BAL Fluid, Sputum, Tissue, Tracheal Aspiration	Mucormycosis	Real Time Quantitative PCR
20.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Haematuria & Transplantation Panel	Real Time Quantitative PCR
21.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Molecular Hepatitis Panel	Real Time Quantitative PCR
22.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Pneumocystis Pneumonia	Real Time Quantitative PCR



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Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
23.	EDTA Blood	HLA B-27	Real Time Quantitative PCR
24.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	HHV-6	Real Time Quantitative PCR
25.	EDTA Blood, Tissue, CSF and All Clinical Body Fluids	Immunosuppressive Panel	Real Time Quantitative PCR
26.	Ocular Samples	Multiflex Eye Infections	Real Time Quantitative PCR
27.	BAL Fluid, Tracheal Aspiration, Throat & Nasal Swab	Respiratory Panel	Real Time Quantitative PCR
28.	BAL Fluid, Tracheal Aspiration	Viral Meningitis Panel	Real Time Quantitative PCR
29.	EDTA Blood	HIV	Real Time Quantitative PCR

