

Quality And Accreditation Institute Centre for Laboratory Accreditation

Scope of Accreditation

NARAYANA NETHRALAYA INSTITUTE OF MOLECULAR DIAGNOSTICS & LABORATORY SERVICES

Narayana Nethralaya, 121/C, Chord Road, Rajaji Nagar,
Bengaluru-560010, Karnataka, India

Date of First Accreditation: 18 February 2019

QAI/CLA/ML/2019/0002

Valid from : **18 February 2021**

Valid until : **17 February 2023**

Accreditation Standards: 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 (BCG)
2	Serum	Alkaline Phosphatase	PNPP, DEA Buffer
3	Serum	Total Bilirubin	Sulphanilic acid, Cholesterol
4	Serum	Direct Bilirubin	Diazotization
5	Serum	Total Cholesterol	Cholesterol oxidase peroxidase, esterase
6	Serum	HDL Cholesterol	Direct Measure, immunoinhibition method
7	Serum	Creatinine Enzymatic	Alkaline Picrate, Kinetic
8	Serum	Glucose (FBS, PPBS, RBS)	GOD, POD
9	Serum	Total Protein	Biuret end point
10	Serum	SGOT(AST)	IFCC Methodology Without P5P
11	Serum	SGPT(ALT)	IFCC Methodology Without P5P
12	Serum	Triglycerides	GPO-TOPS Methodology
13	Serum	Urea	Urease /GLDH Methodology

Haematology			
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	Hemoglobin	Photometric
4	EDTA Blood	Mean corpuscular Hemoglobin (MCH)	Particle cell counter calculated from Hgb /RBC Count



A handwritten signature in black ink, appearing to read 'Dr. Bhupendra Kumar Rana', is written over a horizontal line.

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Haematology			
Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle/ Methodology or Technique Used
5	EDTA Blood	Mean Corpuscular Hemoglobin 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

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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Serology			
Sl. No.	Type of Samples Examined/ Tested	Specific Tests/ Examination Performed	Standard (Method), Principle /Methodology or Technique Used
1	Ocular fluids, Swabs, Corneal Scrapings, pus	Grams stain	Light microscopy
2	Ocular fluids, Swabs, Corneal Scrapings, Button, Tissues, Pus.	KOH Preparation	Light microscopy
3	Serum	Hepatitis B Surface Antigen	Immunochromatography
4	Serum	Hepatitis C Virus antibody	Immunochromatography
5	Serum	HIV 1 & 2 Antibody Screening	Immunochromatography
7	Serum	TPHA	Heamagglutination
8	SERUM	Total Vitamin D	Fluorescence Immuno assay
9	Serum	C- Reactive protein	Fluorescence Immuno assay
10	Serum	Chickungunya IgG & IgM Antibody	RapiChromatographic Immuno assay
11	Serum	T3	Fluorescence Immuno assay
12	Serum	T4	Fluorescence Immuno assay



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