



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

PATHOLOGY LABORATORY - NARINDER MOHAN HOSPITAL & HEART CENTRE, PLOT NO: 16-17, GT ROAD, MOHAN NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard

ISO 15189:2022

Certificate Number

MC-2273

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Validity

16/08/2025 to 15/08/2029

Last Amended on -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CLINICAL BIOCHEMISTRY	Plasma/Serum/ Body Fluid (Pleural, Ascitic, Synovial, pericardial fluid)	Glucose	Hexokinase
2	CLINICAL BIOCHEMISTRY	Serum	A/G Ratio	Calculated
3	CLINICAL BIOCHEMISTRY	Serum	Alkaline Phosphatase	(p-NPP) with AMP Buffer (2-Amino-2-methyl-1-propano)
4	CLINICAL BIOCHEMISTRY	Serum	Amylase	CNPG3
5	CLINICAL BIOCHEMISTRY	Serum	Bilirubin Direct	DPD
6	CLINICAL BIOCHEMISTRY	Serum	Bilirubin Total	DPD
7	CLINICAL BIOCHEMISTRY	Serum	Calcium	Arsenazo
8	CLINICAL BIOCHEMISTRY	Serum	Chloride	Indirect -ISE
9	CLINICAL BIOCHEMISTRY	Serum	Cholesterol	CHO-POD
10	CLINICAL BIOCHEMISTRY	Serum	CPK	NADPH, Kinetic
11	CLINICAL BIOCHEMISTRY	Serum	Creatinine	Jaffe- Kinetic
12	CLINICAL BIOCHEMISTRY	Serum	Estimates Glomerular filtration rate	Calculated (MDRD GFR Equation)
13	CLINICAL BIOCHEMISTRY	Serum	Ferritin	ECLIA
14	CLINICAL BIOCHEMISTRY	Serum	Folic Acid/ Folate	ECLIA
15	CLINICAL BIOCHEMISTRY	Serum	FSH	ECLIA
16	CLINICAL BIOCHEMISTRY	Serum	FT3	ECLIA
17	CLINICAL BIOCHEMISTRY	Serum	FT4	ECLIA
18	CLINICAL BIOCHEMISTRY	Serum	GGT	Carboxy -Substrate -Kinetic (Gamma-glutamyl-3-carboxy-4-nitroanilide)
19	CLINICAL BIOCHEMISTRY	Serum	HDL- Direct	Immuno-inhibition :Anti human-β-lipoprotein antibodywith CHE & CHO (Cholesterol esterase Cholesterol oxidase)
20	CLINICAL BIOCHEMISTRY	Serum	Iron	TPTZ
21	CLINICAL BIOCHEMISTRY	Serum	LDL	Calculated
22	CLINICAL BIOCHEMISTRY	Serum	LH	ECLIA
23	CLINICAL BIOCHEMISTRY	Serum	Lipase	Kinetic (GPO & POD)
24	CLINICAL BIOCHEMISTRY	Serum	Magnesium	Xylidyl Blue
25	CLINICAL BIOCHEMISTRY	Serum	Phosphorus (Inorganic)	Molybdate UV
26	CLINICAL BIOCHEMISTRY	Serum	Potassium	Indirect- ISE
27	CLINICAL BIOCHEMISTRY	Serum	Prolactin	ECLIA
28	CLINICAL BIOCHEMISTRY	Serum	PSA (Total)	ECLIA
29	CLINICAL BIOCHEMISTRY	Serum	SGOT(AST)	UV without P5P
30	CLINICAL BIOCHEMISTRY	Serum	SGPT(ALT)	UV without P5P
31	CLINICAL BIOCHEMISTRY	Serum	Sodium	Indirect ISE
32	CLINICAL BIOCHEMISTRY	Serum	TIBC	Calculated
33	CLINICAL BIOCHEMISTRY	Serum	Total IgE	ECLIA

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34	CLINICAL BIOCHEMISTRY	Serum	Transferrin saturations	Calculated
35	CLINICAL BIOCHEMISTRY	Serum	Triglycerides	Enzymatic (GPO-POD)
36	CLINICAL BIOCHEMISTRY	Serum	TSH	ECLIA
37	CLINICAL BIOCHEMISTRY	Serum	UIBC	Photometric (Fe2+ & Nitrore- PSAP
38	CLINICAL BIOCHEMISTRY	Serum	Urea	Urease/kinetic
39	CLINICAL BIOCHEMISTRY	Serum	Uric Acid	Uricase/POD
40	CLINICAL BIOCHEMISTRY	Serum	Vitamin B12	ECLIA
41	CLINICAL BIOCHEMISTRY	Serum	Vitamin D3	ECLIA
42	CLINICAL BIOCHEMISTRY	Serum	VLDL	Calculated
43	CLINICAL BIOCHEMISTRY	Serum/ Body Fluid (Serum , Pleural Fluid , Ascitic fluid, pericardial, synovial fluid)	Albumin	BCG
44	CLINICAL BIOCHEMISTRY	Serum/body Fluid (Serum , Pleural Fluid , Ascitic fluid, Pericardial and Synovial fluid)	LDH	Pyruvate- Kinetic
45	CLINICAL BIOCHEMISTRY	Serum/Body Fluid (Serum , Pleural Fluid , Ascitic fluid, Pericardial and synovial fluid)	Total Protein	Biuret
46	CLINICAL BIOCHEMISTRY	Whole Blood	HbA1C	HPLC
47	CLINICAL PATHOLOGY	Stool	Colour, Consistency, Visible Blood , Mucus	Visual Examination
48	CLINICAL PATHOLOGY	Stool	Occult Blood	Standard Guaiac Method
49	CLINICAL PATHOLOGY	Stool	pH	Litmus Reaction
50	CLINICAL PATHOLOGY	Stool	Pus Cells , RBC, Ova , Cyst	Wet mount, Lugol's Iodine mount & Light Microscopy
51	CLINICAL PATHOLOGY	Urine	Routine Examination - Microscopic Examination ; RBC, WBC, ECS, Crystals,Cast	Light Microscopy
52	CLINICAL PATHOLOGY	Urine	Bile Salt & Bile Pigment	Hay's Sulphur Test /Fouchet's Test
53	CLINICAL PATHOLOGY	Urine	Bilirubin	Azo-Coupling Reaction -Strip Method
54	CLINICAL PATHOLOGY	Urine	Glucose	Benedict's Test
55	CLINICAL PATHOLOGY	Urine	Glucose	Glucose -Oxidase -Peroxidase - Strip Method
56	CLINICAL PATHOLOGY	Urine	Ketone	Rothera's Test
57	CLINICAL PATHOLOGY	Urine	Ketone	Sodium Nitroprusside - Strip Method (+, ++, +++ & +++)
58	CLINICAL PATHOLOGY	Urine	pH	Double Indicator- Strip Method
59	CLINICAL PATHOLOGY	Urine	Protein	SSA (Sulfosalicylic acid method)
60	CLINICAL PATHOLOGY	Urine	Protein	Tetrabromophenol Blue- Strip Method
61	CLINICAL PATHOLOGY	Urine	Pus cells, RBC, Epithelialcells, Casts, Crystals,Others.	Wet Smear & Microscopy



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62	CLINICAL PATHOLOGY	Urine	Routine Examination: Chemical Examination: Protein, Glucose, Ketone, Urobilinogen, Bilirubin	Reagent Strip Protein - Protein -error indicator, Glucose- Double Sequential enzyme reaction, Ketone - Nitroprusside Reaction, Urobilinogen- Modified Ehrlich Reaction, Bilirubin - Azo coupling Reaction
63	CLINICAL PATHOLOGY	Urine	Specific Gravity	pKa Change -Strip Method
64	CLINICAL PATHOLOGY	Urine	Urobilinogen	Ehrlich reaction
65	CLINICAL PATHOLOGY	Urine	Urobilinogen	Modified Ehrlich Reaction - Strip Method
66	CLINICAL PATHOLOGY	Urine	Volume, Colour, Transparency	Visual Examination
67	CYTOPATHOLOGY	Body fluids (Ascitic, Pleural, CSF, Synovial, Pus, BAL fluid, ET secretions, nipple discharge)	Cytospin/Centrifugation, smear preparation, Pap, H & E and MGG staining	Light Microscopy with Interpretation
68	CYTOPATHOLOGY	Cervical Smear	PAP Stain	Microscopy
69	CYTOPATHOLOGY	Cervical Smears, Body Fluids	Liquid Based Cytology	Microscopy
70	CYTOPATHOLOGY	Palpable or non palpable lesion involving any organ	FNAC Smear Preparation, MGG staining with or without PAP/H&E	Light Microscopy with Interpretation
71	CYTOPATHOLOGY	Unstained smears	MGG staining with or without PAP / H & E	Light Microscopy with Interpretation
72	HAEMATOLOGY	Whole Blood	Lymphocyte	Flow Cytometry method using Semiconductor Laser/Microscopy
73	HAEMATOLOGY	Whole Blood	Haemoglobin	SLS -Hemoglobin Method
74	HAEMATOLOGY	Whole Blood	APTT	Opto Mechanical
75	HAEMATOLOGY	Whole Blood	Basophil	Flow Cytometry method using Semiconductor Laser
76	HAEMATOLOGY	Whole Blood	Blood Group (ABO & Rh)	Tube Agglutination / Tube method (forward and reverse methods Both)
77	HAEMATOLOGY	Whole Blood	Eosinophil	Flow Cytometry method using Semiconductor Laser
78	HAEMATOLOGY	Whole Blood	ESR	Modified Westergren method
79	HAEMATOLOGY	Whole Blood	Haematocrit/PCV	DC Detection Method
80	HAEMATOLOGY	Whole Blood	MCH	Calculated Parameter
81	HAEMATOLOGY	Whole Blood	MCHC	Calculated Parameter
82	HAEMATOLOGY	Whole Blood	MCV	calculated Parameter
83	HAEMATOLOGY	Whole Blood	Monocytes	Flow Cytometry method using Semiconductor Laser
84	HAEMATOLOGY	Whole Blood	Neutrophils	Flow Cytometry method using Semiconductor Laser
85	HAEMATOLOGY	Whole Blood	Peripheral Blood Smear Examination / Malarial Parasite / Micro Filaria	Leishman (Methylene blue & Eosin) by Light microscopy
86	HAEMATOLOGY	Whole Blood	Peripheral Smear	Leishman (Methylene blue & Eosin) by Light microscopy
87	HAEMATOLOGY	Whole Blood	Platelet Count	DC Detection Method

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88	HAEMATOLOGY	Whole Blood	PT	Opto Mechanical
89	HAEMATOLOGY	Whole Blood	RBC Count	DC Detection Method
90	HAEMATOLOGY	Whole Blood	RDW-CV	Calculated
91	HAEMATOLOGY	Whole Blood	Reticulocyte Count	Microscopy/ Supravital staining (New Methylene Blue)
92	HAEMATOLOGY	Whole Blood	Total Leucocyte Count (TLC)	Flow Cytometry method using Semiconductor Laser
93	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Blood, Urine ,Body Fluid, & Other (Tissue ,Semen, Stool , BAL , Sputum , Ear swab, PUS, Nasal Swab)	Aerobic Pyogenic Culture	Bact Alert and, Identification and Sensitivity by Vitck-2
94	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	EDTA- Blood	Rapid Malaria Test (Plasmodium Falciparum & P. Vivax)	Solid Phase Immunochromatographic Assay
95	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Scrapping (skin) Nail clippings, hair, tissue biopsy, sputum	KOH Smear for Fungus	KOH Wet Mount
96	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Anti Deoxy Ribo Nucleo Protein	Latex Agglutination
97	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	ASO Antibody	Latex Agglutination
98	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Chikungunya IgM Antibody	Solid Phase Immunochromatographic
99	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	CRP	Latex Agglutination
100	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue IgM/IgG	Solid Phase Immunochromatographic assay
101	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue NS-1 Ag	Solide phase Immunochromatographic Aaasay
102	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HBs Ag	Solid Phase Immunochromatographic assay
103	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HCV Antibodies	Solid Phase Immunochromatographic assay
104	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HIV I & II Antibody	Electro ChemiLuminescence Immunoassay
105	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HIV I & II Antibody	Lateral Flow
106	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HIV I & II Antibody	Solid Phase Immunochromatographic Assay
107	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	RA	Latex Agglutination
108	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	RPR	Flocculation
109	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Typhidot (IgM & IgG)	Lateral Flow -Immunoassay
110	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Widal	Slide Agglutination
111	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Sputum / pus / Body fluids / Urine/others	AFB-Stain	ZN Stain-Microscopy

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112	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Sputum / pus / Body fluids/ others	Gram stain	Gram stain-Microscopy
113	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Stool	Hanging Drop	Microscopy
114	MOLECULAR TESTING	Blood	HCV RNA Quantitative	Real Time RT PCR (Closed System)