



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

DEPARTMENT OF CLINICAL BIOCHEMISTRY & HAEMATOLOGY, NETAJI SUBHAS MEDICAL COLLEGE AND HOSPITAL (A UNIT OF SITWANTO DEVI MAHILA KALYAN SANSTHAN), FIRST FLOOR, HOSPITAL BLOCK AMHARA, BIHTA, PATNA, BIHAR, INDIA

Accreditation Standard

ISO 15189:2022

Certificate Number

MC-7160

Page No

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Validity

06/02/2025 to 05/02/2029

Last Amended on

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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	Flouride Plasma	Glucose	GOD POD
2	CLINICAL BIOCHEMISTRY	Serum	Albumin	Bromo Cresol Green
3	CLINICAL BIOCHEMISTRY	Serum	Albumin/ Globulin Ration	Calculated
4	CLINICAL BIOCHEMISTRY	Serum	Alkaline Phosphatase	PNP AMP
5	CLINICAL BIOCHEMISTRY	Serum	Calcium	Arsenzoo III
6	CLINICAL BIOCHEMISTRY	Serum	Chloride	ISE Direct
7	CLINICAL BIOCHEMISTRY	Serum	Cholesterol Total	CHOD PAP
8	CLINICAL BIOCHEMISTRY	Serum	Creatinine	Alkaline Picrate
9	CLINICAL BIOCHEMISTRY	Serum	Direct Bilirubin	Calculated
10	CLINICAL BIOCHEMISTRY	Serum	Free T3	Competitive Immunoassay
11	CLINICAL BIOCHEMISTRY	Serum	Free T4	Competitive Immunoassay
12	CLINICAL BIOCHEMISTRY	Serum	Globulin	Calculated
13	CLINICAL BIOCHEMISTRY	Serum	HDL Cholesterol Total	Cholestrol Oxidase PEG Enzyme
14	CLINICAL BIOCHEMISTRY	Serum	Indirect Bilirubin	DDA
15	CLINICAL BIOCHEMISTRY	Serum	LDL Cholesterol	Peroxidase Enzyme/Calculated
16	CLINICAL BIOCHEMISTRY	Serum	Phosphorus	Phosphomolybdate
17	CLINICAL BIOCHEMISTRY	Serum	Potassium	ISE Direct
18	CLINICAL BIOCHEMISTRY	Serum	SGOT/AST	IFCC With P5P
19	CLINICAL BIOCHEMISTRY	Serum	SGPT/ALT	IFCC With p5P
20	CLINICAL BIOCHEMISTRY	Serum	Sodium	ISE Direct
21	CLINICAL BIOCHEMISTRY	Serum	Total Bilirubin	DDA
22	CLINICAL BIOCHEMISTRY	Serum	Total Protein	Biuret Method
23	CLINICAL BIOCHEMISTRY	Serum	Triglycerides	GPO PAP
24	CLINICAL BIOCHEMISTRY	Serum	TSH	Competitive Immunoassay
25	CLINICAL BIOCHEMISTRY	Serum	Urea	Urease
26	CLINICAL BIOCHEMISTRY	Serum	Uric Acid	Uricase
27	CLINICAL BIOCHEMISTRY	Serum	VLDL Cholesterol	Calculated
28	CLINICAL PATHOLOGY	Urine	Glucose	Enzymatic Reaction/Benedict's Method



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29	CLINICAL PATHOLOGY	Urine	Ketones	Aceto Acidic Reaction /Rothera's Method
30	CLINICAL PATHOLOGY	Urine	Microscopic Examination (WBC,RBC, Cast, Crystal and Bacteria)	Manual Microscopic
31	CLINICAL PATHOLOGY	Urine	Nitrite	Diazonium coupling
32	CLINICAL PATHOLOGY	Urine	pH	Double Indicator Method
33	CLINICAL PATHOLOGY	Urine	Physical Examination	Visual
34	CLINICAL PATHOLOGY	Urine	Protein	Protein Error of pH/Heat and Acetic Method
35	CLINICAL PATHOLOGY	Urine	Specific Gravity	pKa Change
36	CLINICAL PATHOLOGY	Urine	Urobilinogen	Ehrlich's Reaction
37	HAEMATOLOGY	EDTA Whole Blood	Basophil	Flow cytometry/Leishman Stain & Microscopy
38	HAEMATOLOGY	EDTA Whole Blood	Eosinophils	Flow cytometry/ Leishman Stain & Microscopy
39	HAEMATOLOGY	EDTA Whole Blood	Hemoglobin	Non Cyanmeth Hb Spectrophotometry
40	HAEMATOLOGY	EDTA Whole Blood	Lymphocyte	Flowcytometry/Leishman Stain and Microscopy
41	HAEMATOLOGY	EDTA Whole Blood	MCH	Calculated
42	HAEMATOLOGY	EDTA Whole Blood	MCHC	Calculated
43	HAEMATOLOGY	EDTA Whole Blood	MCV	Calculated
44	HAEMATOLOGY	EDTA Whole Blood	Monocyte	Flowcytometry/Leishman Stain and Microscopy
45	HAEMATOLOGY	EDTA Whole Blood	Neutrophil	Flowcytometry/Leishman Stain and Microscopy
46	HAEMATOLOGY	EDTA Whole Blood	Packed Cell Volume (PCV)	Pulse Height Detection
47	HAEMATOLOGY	EDTA Whole Blood	Peripheral Smear	Leishman Stain
48	HAEMATOLOGY	EDTA Whole Blood	Platelet Count	Electrical Impedance
49	HAEMATOLOGY	EDTA Whole Blood	RBC Count	Electrical Impedance
50	HAEMATOLOGY	EDTA Whole Blood	RDW CV %	Calculated
51	HAEMATOLOGY	EDTA Whole Blood	WBC Count	Electrical Impedance
52	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Anti HCV	Immunochromatography



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53	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	CMV IgG & IgM	Immunochromatography
54	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Dengue IgM & NS1Ag	Immunochromatography
55	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HBsAg	Immunochromatography
56	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HIV Antibody	ELISA
57	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HIV Antibody	Immunochromatography
58	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HIV Antibody	Immunometric binding Technique
59	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	HSV IgG & IgM	Immunochromatography
60	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	RPR	Flocculation
61	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Rubella IgG & IgM	Immunochromatography
62	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Toxoplasma IgG/IgM	Immunochromatography
63	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Typhidot IgG/IgM	Immunochromatography
64	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Serum	Widal Slide & tube	Agglutination
65	MICROBIOLOGY & INFECTIOUS DISEASE SEROLOGY	Whole Blood	Aerobic Culture	Culture - Aerobic by Automated method
66	MOLECULAR TESTING	EDTA Whole Blood	HLA B27	Real Time PCR Open System
67	MOLECULAR TESTING	Sputum/Blood/ Ascitic Fluid/Pericardial Fluid/Peritoneal Fluid/ Synovial Fluid	Mycobacterium Tuberculosis	Real Time PCR Open System