

**International Quality And Accreditation Services Pvt. Ltd.****(Formerly International Quality And Accreditation Services LLP)**

25/33, 2nd Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Medical Testing

As per ISO 15189:2022

CAB Name: MEDILABS DIAGNOSTICS LABORATORY

Page No. 1 of 5

Address: PMC XIX/585A, A1, 585B, B1, and B2, Opp. Police station, Payyanur, Kannur – 670307, Kerala**Issue date:** 27.06.2025**Certificate No.:** M-0006**Validity:** 26.06.2029**Amendment date:** NA

Sr. No.	Parameter / Materials / Products tested	Type of Test/Properties measured/Range of measurement	Standard specifications / Equipment/Techniques used	Facility
Discipline: Clinical Biochemistry				
1	EDTA Whole	HbA1C (3.9 % - 18.8 %)	High-Performance Liquid Chromatography (HPLC)	Permanent
2	Serum	A/G Ratio (Calculated)	Calculated	Permanent
3	Serum	Alanine Amino Transferase (ALT/SGPT) (3 U/ L-500 U / L)	UV Kinetic-IFCC without Pyridoxal Phosphate	Permanent
4	Serum	Albumin (1.5g / dl - 6 g / dl)	Colorimetric - Bromo- Cresol Green	Permanent
5	Serum	Alkaline Phosphatase (5u/l -1500 u/l)	UV Kinetic - IFCC (p-Nitrophenyl Phosphate, AmpBuffer)	Permanent
6	Serum	Amylase (10u/l-2000u/l)	CNPG3 Method-IFCC	Permanent
7	Serum	Aspartate Amino Transferase (AST/SGOT) (3u/l-1000u/l)	UV Kinetic-IFCC without Pyridoxal Phosphate	Permanent
8	Serum	Bilirubin, Direct (0-10mg/dl)	Colorimetric-End Point- DPD method	Permanent
9	Serum	Bilirubin, Total (0-30mg/dl)	Colorimetric-End Point- DPD method	Permanent
10	Serum	Blood Urea Nitrogen (BUN) (Calculated)	Calculated	Permanent
11	Serum	Calcium (4mg/dl -20mg/dl)	Colorimetric - - Arsenazo Method	Permanent
12	Serum	CHOL/HDL Ratio (Calculated)	Calculated	Permanent
13	Serum	Cholesterol, Total (20mg/dl-700mg/dl)	Colorimetric - Cholesterol Oxidase/Peroxidsae Method	Permanent
14	Serum	Creatinine (0.05mg/dl - 50mg/dl)	Enzymatic Kinetic-IFCC	Permanent
15	Serum	Direct LDL (10mg/dl-400 mg/dl)	Cholesterol Esterase Method	Permanent
16	Serum	Gamma glutamyl transferase (GGT) (5u/l-1200u/l)	glutamyl-p- nitroanilide (kumatic)	Permanent
17	Serum	Globulin (Calculated)	Calculated	Permanent

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18	Serum	Glucose (10mg/dl-800mg/dl)	Hexokinase Method	Permanent
19	Serum	HDL Cholesterol (2mg/dl-180mg/dl)	Colorimetric: Enzymatic Immunoinhibition	Permanent
20	Serum	Iron (10ug/dl-1000ug/dl)	Colorimetric-End Point- TPTZ method	Permanent
21	Serum	LDL Cholesterol (Calculated)	Calculated	Permanent
22	Serum	Non-HDL Cholesterol (Calculated)	Calculated	Permanent
23	Serum	Phosphorous (Inorganic) (1mg/dl-20 mg/dl)	UV Photometric - Phosphomolybdate Formation	Permanent
24	Serum	Protein, Total (3g / dl-12g / dl)	Colorimetric - Biuret Method	Permanent
25	Serum	Triglycerides (10mg/dl-1000 mg/dl)	Colorimetric End point. GPO-POD method	Permanent
26	Serum	Urea (0.80mg/dl - 50mg/dl)	Endpoint/Colorimetric - Urease	Permanent
27	Serum	Uric Acid (1.5mg/dl - 30mg/dl)	Colorimetric - Uricase, Peroxidase	
28	Serum	VLDL (Calculated)	Calculated	Permanent
29	Serum	LDH (25 IU/L-1200 IU/L)	Enzymatic Kinetic-IFCC	Permanent
30	Serum	CPK (10 IU/L-2000 IU/L)	Enzymatic Kinetic-IFCC	Permanent
31	Serum	Sodium (50 mmol/l - 200 mmol/l)	ISE	Permanent
32	Serum	Potassium (1mmol/l - 10mmol/l)	ISE	Permanent
33	Serum	Chloride (50 mmol/l -200 mmol/l)	ISE	Permanent
34	Serum	T3 Total (Tr iodothyronine) (10ng/dl -800 ng/dl)	Chemiluminescence Immunoassay (CLIA)	Permanent
35	Serum	T4, Total(Thyroxine) (0.5ng/dl - 30 ng/dl)	Chemiluminescence Immunoassay (CLIA)	Permanent
36	Serum	TSH (Thyroid Stimulating Hormone) (0.005 uIU/ml - 50 uIU/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
37	Serum	Free T3 (1.4 pmol/l -46 pmol/l)	Chemiluminescence Immunoassay (CLIA)	Permanent

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38	Serum	Free T4 (0.25ng/dl -6ng/dl)	Chemiluminescence Immunoassay (CLIA)	Permanent
39	Serum	PSA (0.20ng/ml -150ng/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
40	Serum	AFP (0.5ng/ml-3000ng/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
41	Serum	CEA (0.10ng/ml-1000 ng/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
42	Serum	CA 19.9 (0.80 IU/ml -2000 IU/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
43	Serum	Ferritin (0.20ng/ml -1500 ng/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
44	Serum	CA 125 (0.5IU/ml -5000 IU/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
45	Serum	Vitamin D (7 ng/ml - 167 ng/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
46	Serum	Vitamin B12 (50 pg/ml- 1500 pg/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
47	Serum	Beta HCG (0.20 mIU/mL - 1350 mIU/mL)	Chemiluminescence Immunoassay (CLIA)	Permanent
48	Serum	Cortisol 2.5 µg/dL - 60 µg/dL	Chemiluminescence Immunoassay (CLIA)	Permanent
49	Serum	Prolactin (0.25 ng/ml - 200 ng/ml)	Chemiluminescence Immunoassay (CLIA)	Permanent
Discipline: Clinical Pathology				
50	Urine	Cells	Microscopy	Permanent
51	Urine	Bacteria	Microscopy	Permanent
52	Urine	Bile Pigment	Urine Strip	Permanent
53	Urine	Bile Salt	Urine Strip	Permanent
54	Urine	Bilirubin	Urine Strip	Permanent
55	Urine	Blood	Urine Strip	Permanent
56	Urine	Casts	Urine Strip	Permanent
57	Urine	Color/Appearance	Urine Strip	Permanent

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Sr. No.	Parameter / Materials / Products tested	Type of Test/Properties measured/Range of measurement	Standard specifications / Equipment/Techniques used	Facility
58	Urine	Crystal	Urine Strip	Permanent
59	Urine	Glucose	Urine Strip	Permanent
60	Urine	Ketones	Urine Strip	Permanent
61	Urine	Leucocytes	Urine Strip	Permanent
62	Urine	Nitrite	Urine Strip	Permanent
63	Urine	pH	Urine Strip	Permanent
64	Urine	Protein	Urine Strip	Permanent
65	Urine	RBC	Urine Strip	Permanent
66	Urine	Specific Gravity	Urine Strip	Permanent
67	Urine	Urobilinogen	Urine Strip	Permanent
Discipline: Haematology				
68	EDTA Whole	Absolute Monocytes Count	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
69	EDTA Whole	Absolute Neutrophils Count	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
70	EDTA Whole	Basophils %	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
71	EDTA Whole	Eosinophils %	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
72	EDTA Whole	Haemoglobin (Hb) (0-24 gm%)	Cyanmethemoglobin Method	Permanent
73	EDTA Whole	Hematocrit (HCT) (0-67 %)	Calculated	Permanent
74	EDTA Whole	Lymphocytes %	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
75	EDTA Whole	Mean Corpuscular Hemoglobin (MCH)	Calculated	Permanent
76	EDTA Whole	Mean Corpuscular Hemoglobin	Calculated	Permanent

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77	EDTA Whole	Mean Corpuscular Volume (MCV)	Calculated	Permanent
78	EDTA Whole	Mean platelet volume (MPV)	Calculated	Permanent
79	EDTA Whole	Monocytes %	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
80	EDTA Whole	Neutrophils %	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
81	EDTA Whole	Platelet (0-1900 k/uL)	Electrical Impedance	Permanent
82	EDTA Whole	RBC Distribution Width (RDW) CV	Calculated	Permanent
83	EDTA Whole	Red Blood Cells (RBC) Count(0-8 10^6 /uL)	Electrical Impedance	Permanent
84	EDTA Whole	White Blood Cells (WBC) (Count 0-120 k/uL)	Electrical Impedance	Permanent
85	EDTA Whole	Absolute Basophils Count	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
86	EDTA Whole	Absolute Eosinophils Count	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
87	EDTA Whole	Absolute Lymphocytes Count	Flow Cytometry Principle/ Smear By Leishman's Stain Method	Permanent
88	Whole Blood	Erythrocyte Sedimentation Rate (ESR) (0-120 mm/Hr)	Modified Westergren's Method	Permanent

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