



SCOPE

Criteria: NABL 128 [NABL Medical (Entry Level) Testing Labs {NABL M(EL)T Labs} Program]

Laboratory Name TATA 1MG LABS (TATA 1MG TECHNOLOGIES PRIVATE LIMITED)

Address Plot No.B 16, 17 & 18, 3rd Floor, J R Plaza, District Shopping Center Rd, Lalkothi, JAIPUR, Rajasthan 302015, India

Certificate No. NABL-M(EL)T-02811

Validity 03-12-2024 to 02-12-2027 **Page No.** 1 of 3

S. No.	Type of Sample examined/tested	Specific tests/examination performed	Standard(method), Principle, Methodology or Technique used
1	Plasma / Serum	Glucose	Hexokinase
2	Serum	Renal Function Test -Creatinine	Jaffe Alkaline picrate
3	Serum	Liver Function Test - Alanine aminotransferase (ALT/SGPT)	Modified IFCC
4	Serum	Liver Function Test - Aspartate aminotransferase (AST/SGOT)	Modified IFCC
5	Serum	Liver Function Test - Total Bilirubin	Vanadate Oxidation
6	Serum	Liver Function Test - Direct (Conjugated) Bilirubin	Vanadate Oxidation
7	Serum	Liver Function Test - Alkaline Phosphatase (ALP)	PNPP, DEA Buffer
8	Serum	Lipid Profile - Triglyceride	GPO
9	Serum	Lipid Profile - Cholesterol	CHO POD
10	Serum	Electrolyte - Sodium	ISE Indirect
11	Serum	Electrolyte - Potassium	ISE Indirect
12	Serum	Electrolyte - Chloride	ISE Indirect
13	Serum	HDL - Cholesterol	Selective Inhibition Method
14	Serum	LDL - Cholesterol	Direct measure
15	Serum	Renal Function Test - Uric acid	Uricase
16	Serum	Gamma Glutamyl Transferase (GGT)	G-glutamyl-carboxy-nitroanilide
17	Serum	Renal Function Test - Urea	Calculated
18	Serum	Renal Function Test - Blood Urea Nitrogen (BUN)	Urease
19	Serum	Total Calcium	Arsenazo III
20	Serum	Liver Function Test - Albumin	Bromocresol Green
21	Serum	Liver Function Test - Total Protein	Biuret
22	Whole Blood	Glycated Hb (HbA1C)	HPLC
23	Whole Blood (EDTA)	CBC-Haemoglobin	Spectrophotometry
24	Whole Blood (EDTA)	CBC-Total Leucocyte Count (TLC)	Impedance



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S. No.	Type of Sample examined/tested	Specific tests/examination performed	Standard(method), Principle, Methodology or Technique used
25	Whole Blood (EDTA)	CBC - Differential Leucocyte Count (DLC)	DHSS Flowcytometry
26	Whole Blood (EDTA)	CBC - Platelet count	Impedance
27	Whole Blood (EDTA)	CBC - Red Blood Cell Count (RBC)	Impedance
28	Whole Blood (EDTA)	CBC - Hematocrit (HCT)	Calculated
29	Whole Blood (EDTA)	CBC - Mean Corpuscular Volume (MCV)	Calculated
30	Whole Blood (EDTA)	CBC - Mean Corpuscular Haemoglobin Concentration (MCHC)	Calculated
31	Whole Blood (EDTA)	CBC - Mean Corpuscular Hemoglobin (MCH)	Calculated
32	Whole Blood (EDTA)	Basophil	Impedance
33	Whole Blood (EDTA)	Eosinophil	DHSS flowcytometry /Microcopy
34	Whole Blood (EDTA)	Lymphocyte	DHSS flowcytometry /Microcopy
35	Whole Blood (EDTA)	Monocyte	DHSS flowcytometry /Microcopy
36	Whole Blood (EDTA)	Neutrophil	DHSS flowcytometry /Microcopy
37	Urine	pH	Double Indicator
38	Urine	Specific Gravity	Ionic Concentration
39	Urine	Protein	Protein error principle of indicator
40	Urine	Urobilinogen	Diethyleaminobenzaldehyde
41	Urine	Nitrite	Reflectance Photometry
42	Urine	Glucose	GOD-POD
43	Urine	Bilirubin	Diazonium salt
44	Urine	Leukocyte (WBC)	Leukocyte esterase
45	Urine	Blood (Haemoglobin)	peroxidase
46	Urine	Ketones (Ketone Bodies)	Sodium nitropruside Reflectometric
47	Serum	Hepatitis B surface Antigen (HBsAg)	Immunochromatography
48	Serum	Antistreptolysin O (ASO) Test	Slide agglutination
49	Serum	Typhoid (IgG / IgM)	Immunochromatography
50	Serum	WIDAL for Typhoid	Slide agglutination



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S. No.	Type of Sample examined/tested	Specific tests/examination performed	Standard(method), Principle, Methodology or Technique used
51	Serum	Syphilis Serology (Rapid Plasma Reagin)	Flocculation
52	Serum	Anti HCV/HCV Antibody	Immunochematography