



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 3rd Floor 1072 Ashirwad Tower Ballupur Road Sunder Vihar, DEHRADUN, Uttarakhand
248001, India

Certificate No. NABL-M(EL)T-00692

Validity 06-09-2023 to 05-09-2026

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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	Jaffes Kinetic - Alkaline picrate
3	Serum	Liver Function Test - Alanine aminotransferase (ALT/SGPT)	UV kinetic(with & without PLP (P-5- P)
4	Serum	Liver Function Test - Aspartate aminotransferase (AST/SGOT)	UV kinetic(with & without PLP (P-5- P))
5	Serum	Liver Function Test - Total Bilirubin	Others (DPD, Vanadate Oxidation)
6	Serum	Liver Function Test - Alkaline Phosphatase (ALP)	PNP DEA kinetic
7	Serum	Lipid Profile - Triglyceride	GPO-PAP / Enzymatic Colorimetric / End Point
8	Serum	Lipid Profile - Cholesterol	CHOD-PAP
9	Serum	Electrolyte - Sodium	ISE - Direct
10	Serum	Electrolyte - Potassium	ISE - Direct
11	Serum	Electrolyte - Chloride	ISE - Direct
12	Serum	HDL - Cholesterol	Direct method / Enzymatic colorimetric
13	Serum	Renal Function Test - Uric acid	Enzymatic / Uricase Colorimetric
14	Serum	Inorganic Phosphorus	Molybdate UV / Phosphomolybdate complex
15	Serum	Renal Function Test - Urea	Urease UV / GLDH
16	Serum	Amylase	Enzymatic Colorimetric / G7PNP Blocked
17	Serum	Total Calcium	Arsenazo III
18	Serum	Liver Function Test - Albumin	BCG - colorimetric
19	Serum	Liver Function Test - Total Protein	Biuret - Colorimetric
20	Serum / Plasma	Glucose	Hexokinase
21	Whole Blood	Glycated Hb (HbA1C)	HPLC-Ion Exchange
22	Whole Blood (EDTA)	CBC-Haemoglobin	Cyanide free SLS technique
23	Whole Blood (EDTA)	CBC-Total Leucocyte Count (TLC)	Impedance variation/Microscopy



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24	Whole Blood (EDTA)	CBC - Differential Leucocyte Count (DLC)	Flowcytometry DHSS/Microscopy
25	Whole Blood (EDTA)	CBC - Platelet count	Impedance variation
26	Whole Blood (EDTA)	CBC - Red Blood Cell Count (RBC)	Impedance variation
27	Whole Blood (EDTA)	CBC - Hematocrit (HCT)	Impedance
28	Whole Blood (EDTA)	CBC - Mean Corpuscular Volume (MCV)	Impedance
29	Whole Blood (EDTA)	CBC - Mean Corpuscular Haemoglobin Concentration (MCHC)	Impedance
30	Whole Blood (EDTA)	CBC - Mean Corpuscular Hemoglobin (MCH)	Impedance
31	Whole Blood (EDTA)	Basophil	Flowcytometry DHSS/Microscopy
32	Whole Blood (EDTA)	Eosinophil	Flowcytometry DHSS/Microscopy
33	Whole Blood (EDTA)	Lymphocyte	Flowcytometry DHSS/Microscopy
34	Whole Blood (EDTA)	CBC - Mean Corpuscular Volume (MCV)	Impedance
35	Whole Blood (EDTA)	Monocyte	Flowcytometry DHSS/Microscopy
36	Urine	pH	Double Indicator
37	Urine	Specific Gravity	pKa change
38	Urine	Protein	Protein Error Principle
39	Urine	Urobilinogen	Ehrlich
40	Urine	Nitrite	P-arsanilic acid
41	Urine	Glucose	GOD-POD
42	Urine	Bilirubin	Diazonium
43	Urine	Leukocyte (WBC)	Pyrrole
44	Urine	Blood (Haemoglobin)	Peroxidase
45	Urine	Ketones (Ketone Bodies)	Nitroprusside
46	Serum	Rheumatoid (RA) Factor	Latex Agglutination
47	Serum	Hepatitis B surface Antigen (HBsAg)	Immunocromatography
48	Serum	Antistreptolysin O (ASO) Test	Latex Agglutination
49	Serum	Typhoid (IgG / IgM)	Immunocromatography



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50	Serum	WIDAL for Typhoid	Agglutination
51	Serum	Syphilis Serology (Rapid Plasma Reagin)	Floccuation
52	Serum	Anti HCV/HCV Antibody	Immunocromatography