



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. 670 P, Village - Narendrapur, P. S. Motonga, Tahasil - Odapada, Dist - Dhenkanal, Tata Steel BSL Ltd, Bhushan Steel Plant Meramandali Township, DHENKANAL, Odisha 759121, India

Certificate No. NABL-M(EL)T-02705

Validity

10-09-2024 to 09-09-2027

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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	GOD/POD
2	Serum	Renal Function Test -Creatinine	Modified Jaffe
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	DCA
6	Serum	Liver Function Test - Direct (Conjugated) Bilirubin	DCA
7	Serum	Liver Function Test - Alkaline Phosphatase (ALP)	IFCC
8	Serum	Lipid Profile - Triglyceride	GPO/PAP
9	Serum	Lipid Profile - Cholesterol	CHOD PAP
10	Serum	Electrolyte - Sodium	ISE Direct
11	Serum	Electrolyte - Potassium	ISE Direct
12	Serum	HDL - Cholesterol	Elimination Catalase
13	Serum	LDL - Cholesterol	Calculated
14	Serum	Renal Function Test - Uric acid	Enzymatic
15	Serum	Gamma Glutamyl Transferase (GGT)	Modified IFCC
16	Serum	Renal Function Test - Urea	Urease
17	Serum	Total Calcium	Arsenazo
18	Serum	Liver Function Test - Albumin	BCG
19	Serum	Liver Function Test - Total Protein	Biuret
20	Whole Blood (EDTA)	CBC-Haemoglobin	Photometric
21	Whole Blood (EDTA)	CBC-Total Leucocyte Count (TLC)	Impedance
22	Whole Blood (EDTA)	CBC - Differential Leucocyte Count (DLC)	Microscopy
23	Whole Blood (EDTA)	CBC - Platelet count	Impedance
24	Whole Blood (EDTA)	CBC - Red Blood Cell Count (RBC)	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 - Hematocrit (HCT)	Pulse height detection method
26	Whole Blood (EDTA)	CBC - Mean Corpuscular Volume (MCV)	Calculated
27	Whole Blood (EDTA)	CBC - Mean Corpuscular Haemoglobin Concentration (MCHC)	Calculated
28	Whole Blood (EDTA)	CBC - Mean Corpuscular Hemoglobin (MCH)	Calculated
29	Whole Blood (EDTA)	Basophil	Microscopy
30	Whole Blood (EDTA)	Eosinophil	Microscopy
31	Whole Blood (EDTA)	Lymphocyte	Microscopy
32	Whole Blood (EDTA)	Monocyte	Microscopy
33	Whole Blood (EDTA)	Neutrophil	Microscopy
34	Whole Blood (EDTA)	CBC - Packed Cell Volume (PCV)	Microscopy
35	Urine	Protein	Protein error principle of indicator
36	Urine	Urobilinogen	Diethyleaminobenzaldehyde
37	Urine	Nitrite	Tetrahydrobenzoquinoline
38	Urine	Glucose	Glucose oxidase peroxidase
39	Urine	Bilirubin	Diazonium salt
40	Urine	Leukocyte (WBC)	Leucocyte esterase
41	Urine	Blood (Haemoglobin)	Peroxidase enzyme
42	Urine	Ketones (Ketone Bodies)	Sodium nitropruside Reflectometric Analysis