



Laboratory: Agilus Diagnostics Nepal Pvt. Ltd.

Discipline: Biochemistry

Certificate Number: MLS- 008

Issue Date: 01-07-2024

Expiry Date: 30-06-2027

Annexure: Scope

The clinical laboratories under the scope of AERSSC accreditation (ISO 15189:2022) are

S.No.	Materials Examined/Tested	Specific tests/examination performed	Specific Standard (method) or technique used	Range of Testing/Limit of Detection	CV % + -
1	Serum	Alaline Transaminase (ALT)	UV Without P5P	2-700 u/L	8.9
2	Serum	Albumin	Bromocresol Grren (BCG)	0.2 - 6.00 gm/dl	3.8
3	Serum	Alkaline Phosphatase	PNPP AMP Buffer IFCC 37° C	3-1000 U/L	8.7
4	Serum	Aspartate Aminotransferase (AST/ SGOT)	UV Without P5P	2-700 u/L	9.2
5	Serum	Bilirubin Direct	Diazo Method	0.01 - 25.0 mg/dL	8.7
6	Serum	Bilirubin Total	Diazo Method	0.01 - 38.0 mg/dL	8.2
7	Serum	Blood Urea Nitrogen (BUN) Urease,	UV	1.4 -112 mg/dL	6.3
8	Serum	Cholestrol, HDL	Homogeneous Enzymatics	3.0-120 mg/dL	9.3
9	Serum	Chloride	ISE Direct	25 - 200 - mmol/L	3.6
10	Serum	Cholestrol Total	Cholestrol Oxidase Esterase Peroxidase	3.87- 800 mg/dL	7.6
11	Serum	Creatinine	Alkaline Picrate-Kinetic	0.2 - 15 mg/dL	3.7
12	Serum	Glucose (Fasting/PP/Random,GTT/GCT)	Hexokinase	2-720 mg/dL	6.3



13	Serum	Potassium	ISE DIRECT	0.2 - 40 - mmol/L	3.6
14	Serum	Protein Total	Biuret	0.2-20 g/dL	4.4
15	Serum	Sodium	ISE DIRECT	20-200 - mmol/L	3.9
16	Serum	Triglycerides	GPO POD	8.85-885 mg/dL	7.4
17	Serum	TSH	ECLIA	0.0001-100.0 μ U/ml	6.8
18	Serum	Total T3	ECLIA	0.01-800 ng/dl	7.3
19	Serum	Total T4	ECLIA	0.01-24.0 μ g/ml	5.9
20	Serum	Uric Acid	Uricase	0.20 - 25 mg/dL	6.5
21	Serum	Globulin	Calculated	Not applicable	Not applicable
22	Serum	A/G Ratio	Not applicable	Not applicable	Not applicable
23	Serum	Cholestrol, LDL	Homogeneous Enzymatics	3.87-550 mg/dL	Not applicable
24	Serum	Cholestrol, VLDL	Calculated	Not applicable	Not applicable
25	Serum	Indirect Bilirubin	Calculated	Not applicable	Not applicable
26	Serum	Cholestrol/HDL Ration	Calculated	Not applicable	Not applicable
27	Urine	Physical Examination	Manual	Not Applicable	Not applicable
28	Urine	Specific Gravity	Ionic concentration method	1.001-1.035	Not applicable
29	Urine	pH	Double indicator principle	5-9	Not applicable
30	Urine	Albumin	Protein error of indicators principle / Sulphosalicylic Acid	30-2000 mg/dL	Not applicable
31	Urine	Sugar	Glucose oxidase- peroxidase / Benedicts	100-2000 mg/dL	Not applicable



32	Urine	Nitrate	Nitrate to nitrite conversion method	NOT APPLICABLE	Not applicable
33	Urine	Urobilinogen	Ehrlich's Reaction	3.2-131 $\mu\text{mol/L}$	Not applicable
34	Urine	Ketone	Sodium Nitroprusside Reaction	5-160 mg/dL	Not applicable
35	Urine	Bilirubin	Diazotised Dichloroaniline test/ Fouchet's Reagent	Not Applicable	Not applicable
36	Urine	Bile Salt	Hay's method	Not Applicable	Not applicable
37	Urine	Bile Pigment	Fouchet's test	Not Applicable	Not applicable
38	Urine	Microscopic Examination (Pus Cell, Epithelial Cell, RBC Cell, Cast, Crystal, bacteria other)	Microscopic	Not Applicable	Not applicable

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