

**BIO-CHEMISTRY-01**

**ALL METHOD REPORT**

**Cycle - 13/2024**

**Lab Code: 3168**

**Round No - 05**

**Date: 30/05/2024**

Parameters	Units	No.of. Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Albumin	g/dL	222	4.1	0.2	0.02	3.6-4.6	4.2	0.4
Alkaline Phosphatase	U/L	222	175.4	30.7	2.58	114.0-236.9	184	0.3
Bilirubin Total	mg/dL	227	1.5	0.2	0.01	1.1-1.8	1.8	1.9
Calcium (Total)	mg/dL	187	8.7	0.5	0.05	7.7-9.7	8.1	-1.2
Cholesterol (Total)	mg/dL	219	149.8	8.2	0.69	133.5-166.2	148	-0.2
Creatinine	mg/dL	228	1.5	0.2	0.01	1.1-1.8	1.4	-0.3
Glucose	mg/dL	228	100.3	6.6	0.54	87.2-113.4	110	1.5
HDL	mg/dL	201	50.6	6.8	0.60	36.9-64.3	47	-0.5
Potassium	mEq/L	173	3.9	0.2	0.02	3.5-4.3	4.4	2.3
Protein (Total)	g/dl	222	5.9	0.4	0.04	5.0-6.7	6.0	0.3
Sodium	mEq/L	173	137.9	3.8	0.36	130.2-145.5	139	0.3
SGPT/ALT	U/L	224	30.5	3.1	0.26	24.2-36.8	29	-0.5
SGOT/AST	U/L	225	31.3	3.6	0.30	24.1-38.4	23	-2.3
Triglyceride	mg/dL	219	97.7	6.7	0.56	84.4-111.1	*161	9.5
Urea	mg/dL	226	44.0	3.6	0.30	36.8-51.2	*31	-3.6
Uric Acid	mg/dl	222	5.9	0.4	0.04	5.0-6.8	5.5	-0.9

**Interpretation of Z Score :**

Z Score Value(+/-)	[Z] ≤ 2.0	2.0 < [Z] < 3.0	[Z] ≥ 3.0
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Legends	(*) Excluded From Group Mean	{.} Not Reported	(#)Late Result Submission	(\$)Reported in other Unit
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Chief Coordinator



**Dr.Sanjay Mehrotra**

Programme Director



**Dr.Bandana Mehrotra**

Prepared by: NF

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