

BIO-CHEMISTRY-02

ALL METHOD REPORT

Lab Code: 3182

**Cycle - 13/2024
Round No - 07**

Date: 31.07.2024

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	114	4.1	0.2	0.03	3.7-4.6	4.5	1.6
Alkaline Phosphatase	U/L	111	168.1	21.0	2.49	126.2-210.1	154	-0.7
Bilirubin (Total)	mg/dL	114	1.4	0.1	0.02	1.1-1.7	1.4	-0.2
Calcium (Total)	mg/dL	106	8.6	0.3	0.04	8.0-9.3	8.7	0.2
Cholesterol (Total)	mg/dL	113	153.9	7.7	0.91	138.4-169.4	151	-0.4
Creatinine	mg/dL	114	1.5	0.1	0.01	1.3-1.7	1.6	1.3
Glucose	mg/dL	114	103.9	5.6	0.66	92.7-115.1	92	-2.1
HDL	mg/dL	108	52.2	5.5	0.66	41.2-63.3	54.3	0.4
Potassium	mEq/L	94	3.8	0.2	0.03	3.4-4.3	3.8	-0.2
Protein (Total)	g/dl	113	5.9	0.3	0.03	5.3-6.4	5.8	-0.3
Sodium	mEq/L	94	139.0	3.4	0.44	132.1-145.8	136	-0.9
SGPT/ALT	U/L	114	32.2	2.6	0.30	27.1-37.4	28	-1.6
SGOT/AST	U/L	113	32.2	3.2	0.37	25.8-38.5	29	-1.0
Triglyceride	mg/dL	113	98.4	6.2	0.72	86.0-110.7	99	0.1
Urea	mg/dL	114	43.4	2.7	0.31	38.1-48.8	44	0.2
Uric Acid	mg/dl	111	6.0	0.4	0.05	5.2-6.8	5.7	-0.7
Chloride	mEq/L	93	97.1	4.6	0.59	87.9-106.3	102	1.1
Phosphorus	mg/dL	79	4.6	0.2	0.03	4.1-5.0	4.5	-0.3
Magnesium	mg/dl	26	2.1	0.2	0.05	1.7-2.5	3.34	6.2
Iron	µg/dL	60	114.0	6.2	1.00	101.6-126.4	118	0.7
Amylase	U/L	61	79.8	7.0	1.12	65.7-93.8	74	-0.8
CK	U/L	28	172.5	20.8	4.91	130.9-214.1	170	-0.1

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



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