



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 3089

Cycle - 12/2023

Round No - 09

Date: 05/10/2023

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	2.92	0.20	0.02	2.5-3.3	2.8	-0.6
Alkaline Phosphatase	U/L	219	327.0	57.8	4.88	211.5-442.5	382	1.0
Bilirubin Total	mg/dL	224	5.1	0.6	0.05	3.9-6.3	5.4	0.5
Calcium (Total)	mg/dL	199	12.3	0.6	0.06	11.0-13.6	12.1	-0.3
Cholesterol (Total)	mg/dL	218	262.8	15.6	1.32	231.7-294.0	261	-0.1
Creatinine	mg/dL	229	4.1	0.3	0.03	3.4-4.7	4.1	0.0
Glucose	mg/dL	229	260.6	19.1	1.58	222.4-298.7	260	0.0
HDL	mg/dL	201	77.1	17.8	1.57	41.6-112.7	48.1	-1.6
Potassium	mEq/L	179	5.7	0.3	0.02	5.2-6.2	-	-
Protein (Total)	g/dL	221	4.5	0.3	0.02	4.0-5.1	4.7	0.5
Sodium	mEq/L	177	153.0	5.6	0.52	142.8-165.0	-	-
SGPT/ALT	U/L	226	131.3	12.0	1.00	107.4-155.3	96	-2.9
SGOT/AST	U/L	225	131.1	10.3	0.86	110.5-151.7	103	-2.7
Triglyceride	mg/dL	219	250.3	14.2	1.20	221.9-278.6	261	0.8
Urea	mg/dL	227	113.3	8.2	0.68	96.9-129.7	117	0.5
Uric Acid	mg/dL	221	9.3	0.6	0.05	8.1-10.6	9.5	0.3

Interpretation of Z Score :

Z Score Value(+/-)	$[Z] \leq 2.0$	$2.0 < [Z] < 3.0$	$[Z] \geq 3.0$
Interpretation.	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Legends	(*) Excluded From Group Mean	{ } Not Reported	(#) Late Result Submission	(S) Reported in other Unit
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Checked By

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