



# RML- Quality Assurance Program (RML-QAP)



## BIO-CHEMISTRY-01

### ALL METHOD REPORT

Lab Code: 2880

Cycle - 12/2023  
Round No - 08

Date: 31/08/2023

Parameters	Units	No.of. Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Albumin	g/dL	220	2.9	0.2	0.02	2.5 - 3.4	2.9	-0.2
Alkaline Phosphatase	U/L	212	331.6	56.8	4.88	217.9 - 445.2	390	1.0
Bilirubin Total	mg/dL	223	5.2	0.6	0.05	4.0 - 6.4	5.5	0.6
Calcium(Total)	mg/dL	199	12.3	0.7	0.07	10.8 - 13.8	11.6	-1.0
Cholesterol (Total)	mg/dL	217	267.0	14.5	1.23	238.0 - 296.0	266	-0.1
Creatinine	mg/dL	226	4.1	0.3	0.03	3.4 - 4.8	4.3	0.6
Glucose	mg/dL	229	264.2	17.1	1.41	229.9 - 298.4	263	-0.1
HDL	mg/dL	199	77.7	20.6	1.83	36.5 - 118.9	93.7	0.8
Potassium	mEq/L	182	5.7	0.3	0.02	5.2 - 6.2	5.9	0.9
Protein (Total)	g/dl	218	4.6	0.3	0.03	3.9 - 5.2	4.9	1.0
Sodium	mEq/L	182	154.7	5.0	0.46	144.7 - 164.6	154	-0.1
SGPT/ALT	U/L	224	132.1	11.8	0.98	108.6 - 155.6	129	-0.3
SGOT/AST	U/L	223	133.9	10.7	0.90	112.5 - 155.4	124	-0.9
Triglyceride	mg/dL	216	250.3	18.0	1.53	214.3 - 286.4	254	0.2
Urea	mg/dL	224	114.2	8.6	0.72	97.1 - 131.4	116	0.2
Uric Acid	mg/dl	219	9.3	0.9	0.07	7.6 - 11.0	10.0	0.8

### 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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