



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Cycle - 12/2023

Lab Code: 2811

Round No - 5

Date: 31/05/2023

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	212	4.1	0.3	0.03	3.6-4.7	4.7	2.0
Alkaline Phosphatase	U/L	201	181.4	33.4	2.94	114.6-248.2	180	0.0
Bilirubin Total	mg/dL	214	1.5	0.2	0.02	1.1-1.8	1.2	-1.5
Calcium(Total)	mg/dL	192	8.8	0.6	0.06	7.5-10.0	8.7	-0.1
Cholesterol (Total)	mg/dL	206	148.9	7.3	0.64	134.2-163.5	*172	3.2
Creatinine	mg/dL	216	1.5	0.2	0.02	1.1-1.8	1.8	1.5
Glucose	mg/dL	218	100.4	5.5	0.47	89.5-111.4	95	-1.0
HDL	mg/dL	193	47.6	7.7	0.69	32.2-62.9	35.0	-1.6
Potassium	mEq/L	172	4.1	0.1	0.01	3.8-4.3	4.1	0.0
Protein (Total)	g/dl	210	5.8	0.5	0.04	4.9-6.7	5.8	0.0
Sodium	mEq/L	172	139.2	4.4	0.42	130.5-148.0	138	-0.3
SGPT/ALT	U/L	214	30.8	4.0	0.34	22.8-38.7	39	2.1
SGOT/AST	U/L	214	30.5	3.7	0.32	23.2-37.8	34	0.9
Triglyceride	mg/dL	205	99.0	7.5	0.65	84.0-114.1	107	1.1
Urea	mg/dL	215	43.4	3.7	0.32	36.0-50.7	42	-0.4
Uric Acid	mg/dl	207	5.9	0.5	0.04	4.9-6.9	6.7	1.6

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	(\$)Reported in other Unit
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