



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2557

Cycle - 11/2022

Round No - 10

Date: 20/10/2022

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	231	2.9	0.2	0.02	2.5-3.4	2.8	-0.5
Alkaline Phosphatase	U/L	223	319.6	75.3	6.30	169.0-470.2	355	0.5
Bilirubin Total	mg/dL	232	5.0	0.5	0.04	4.0-6.0	5.4	0.8
Calcium(Total)	mg/dL	204	12.4	0.8	0.07	10.7-14.0	12.6	0.3
Cholesterol (Total)	mg/dL	227	271.1	15.9	1.32	239.3-302.8	254	-1.1
Creatinine	mg/dL	236	4.2	0.4	0.03	3.5-4.9	4.3	0.3
Glucose	mg/dL	234	259.8	17.6	1.44	224.6-294.9	261	0.1
HDL	mg/dL	216	86.1	31.6	2.69	22.9-149.2	53.4	-1.0
Potassium	mEq/L	194	5.8	0.3	0.03	5.2-6.4	5.7	-0.3
Protein (Total)	g/dl	227	4.6	0.3	0.03	3.9-5.3	4.5	-0.3
Sodium	mEq/L	194	155.1	4.7	0.42	145.7-164.4	154	-0.2
SGPT/ALT	U/L	230	123.9	13.1	1.08	97.7-150.0	121	-0.2
SGOT/AST	U/L	229	129.7	13.7	1.13	102.2-157.2	112	-1.3
Triglyceride	mg/dL	225	250.0	17.2	1.43	215.6-284.4	262	0.7
Urea	mg/dL	235	114.5	10.0	0.81	94.6-134.4	120	0.6
Uric Acid	mg/dl	232	9.2	0.7	0.06	7.7-10.6	10.0	1.2

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Legends	(*) Excluded From Group	{.} Not Reported	(#)Late Result	(\$)Reported in
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