



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2557

Cycle - 11/2022
Round No - 9

Date: 24/09/2022

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	238	4.1	0.3	0.02	3.5-4.6	3.9	-0.6
Alkaline Phosphatase	U/L	227	175.9	34.8	2.89	106.3-245.5	192	0.5
Bilirubin Total	mg/dL	239	1.5	0.2	0.02	1.0-1.9	1.5	0.1
Calcium(Total)	mg/dL	210	8.9	0.6	0.05	7.7-10.1	8.8	-0.1
Cholesterol (Total)	mg/dL	233	166.8	20.4	1.67	126.1-207.6	146	-1.0
Creatinine	mg/dL	242	1.4	0.2	0.01	1.0-1.8	1.5	0.6
Glucose	mg/dL	242	105.1	9.9	0.80	85.2-124.9	97	-0.8
HDL	mg/dL	223	56.2	16.4	1.37	23.4-88.9	39.3	-1.0
Potassium	mEq/L	200	3.9	0.2	0.02	3.5-4.3	4.0	0.6
Protein (Total)	g/dl	236	5.8	0.4	0.03	5.1-6.5	5.3	-1.3
Sodium	mEq/L	197	138.5	4.0	0.36	130.5-146.6	139	0.1
SGPT/ALT	U/L	238	30.2	4.0	0.32	22.2-38.1	27	-0.8
SGOT/AST	U/L	238	31.0	4.5	0.37	22.0-40.1	26	-1.1
Triglyceride	mg/dL	235	93.1	9.3	0.76	74.4-111.8	99	0.6
Urea	mg/dL	241	43.4	3.9	0.32	35.5-51.3	47	0.9
Uric Acid	mg/dl	239	5.8	0.6	0.05	4.6-7.0	6.3	0.9

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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