



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2135

Cycle - 11/2022

Round No - 3

Date: 05/04/2022

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	155	2.9	0.2	0.02	2.5-3.3	2.8	-0.5
Alkaline Phosphatase	U/L	145	310.2	82.2	8.53	145.8-474.7	483	2.1
Bilirubin Total	mg/dL	156	5.0	0.6	0.06	3.9-6.1	4.8	-0.3
Calcium(Total)	mg/dL	132	12.1	1.0	0.11	10.1-14.0	11.0	-1.1
Cholesterol (Total)	mg/dL	152	273.7	16.1	1.63	241.5-306	261	-0.8
Creatinine	mg/dL	158	4.2	0.4	0.04	3.4-5.0	3.9	-0.8
Glucose	mg/dL	158	264.9	15.5	1.54	234.0-295.9	272	0.5
HDL	mg/dL	143	96.2	33.9	3.54	28.4-164	115.9	0.6
Potassium	mEq/L	134	5.8	0.3	0.03	5.1-6.4	5.6	-0.7
Protein (Total)	g/dl	154	4.7	0.4	0.04	3.8-5.5	4.3	-1.0
Sodium	mEq/L	134	154.5	5.1	0.55	144.2-164.8	154	-0.1
SGPT/ALT	U/L	155	121.4	13.4	1.35	94.5-148.2	95	-2.0
SGOT/AST	U/L	155	133.3	12.7	1.28	107.9-158.7	128	-0.4
Triglyceride	mg/dL	152	252.2	16.0	1.62	220.1-284.2	241	-0.7
Urea	mg/dL	157	116.1	9.7	0.97	96.8-135.4	113	-0.3
Uric Acid	mg/dl	157	8.9	0.9	0.09	7.2-10.7	8.7	-0.2

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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