



# RML – Quality Assurance Program (RML – QAP)



## BIO-CHEMISTRY-01

### ALL METHOD REPORT

Cycle - 10/2021

Round No - 12

Date: 29/12/2021

Lab Code: 1476

Parameters	Units	No.of, Parti- cipants	Group Mean	Standard deviation (SD)	Uncertain- ty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	153	4.0	0.3	0.03	3.5-4.5	4.4	1.3
Alkaline Phosphatase	U/L	147	194.7	60.6	6.25	73.6-315.9	144	-0.8
Bilirubin Total	mg/dL	157	1.4	0.2	0.02	1.0-1.8	1.5	0.5
Calcium(Total)	mg/dL	127	9.0	0.7	0.08	7.6-10.4	8.9	-0.1
Cholesterol (Total)	mg/dL	149	181.1	13.2	1.35	154.6-207.5	188	0.5
Creatinine	mg/dL	157	1.3	0.2	0.02	1.0-1.7	1.3	0.0
Glucose	mg/dL	157	109.5	8.9	0.89	91.7-127.3	105	-0.5
HDL	mg/dL	137	64.5	14.4	1.54	35.7-93.3	68.2	0.3
Potassium	mEq/L	130	3.8	0.2	0.02	3.5-4.2	3.7	-0.5
Protein (Total)	g/dl	152	5.7	0.4	0.04	4.9-6.6	5.8	0.2
Sodium	mEq/L	129	138.2	3.7	0.41	130.9-145.5	142	1.0
SGPT/ALT	U/L	156	31.2	4.7	0.47	21.9-40.5	30	-0.3
SGOT/AST	U/L	156	32.4	5.9	0.59	20.7-44.2	30	-0.4
Triglyceride	mg/dL	149	90.4	9.3	0.95	71.8-109.1	101	1.1
Urea	mg/dL	157	44.4	4.3	0.43	35.9-53.0	46	0.4
Uric Acid	mg/dl	154	5.7	0.7	0.07	4.3-7.2	5.6	-0.1

### 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 Mean	{,} Not Reported	(#)Late Result Submission	(\$)Reported in other Unit
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Page 1 of 7

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