



# RML – Quality Assurance Program (RML – QAP)



## BIO-CHEMISTRY-01

### ALL METHOD REPORT

Lab Code: 2135

Cycle - 11/2022

Round No - 4

Date: 30/04/2022

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	190	4.0	0.3	0.02	3.5-4.6	3.6	-1.7
Alkaline Phosphatase	U/L	182	182.7	44.6	4.13	93.6-271.8	223	0.9
Bilirubin Total	mg/dL	192	1.5	0.2	0.02	1.1-1.9	1.7	1.1
Calcium(Total)	mg/dL	166	9.0	0.7	0.07	7.6-10.4	8.6	-0.6
Cholesterol (Total)	mg/dL	185	172.4	20.4	1.88	131.6-213.3	193	1.0
Creatinine	mg/dL	193	1.4	0.2	0.02	1.0-1.8	1.1	-1.4
Glucose	mg/dL	194	109.2	9.4	0.84	90.4-128	113	0.4
HDL	mg/dL	177	61.1	17.0	1.60	27.1-95.1	74.8	0.8
Potassium	mEq/L	165	3.9	0.2	0.02	3.5-4.2	3.8	-0.4
Protein (Total)	g/dl	188	5.8	0.4	0.04	4.9-6.7	5.2	-1.3
Sodium	mEq/L	164	138.8	4.4	0.42	130.1-147.5	138	-0.2
SGPT/ALT	U/L	191	30.8	4.6	0.41	21.7-39.9	44	2.9
SGOT/AST	U/L	191	31.9	4.6	0.42	22.7-41.1	36	0.9
Triglyceride	mg/dL	186	92.5	8.7	0.80	75.1-109.9	98	0.6
Urea	mg/dL	194	44.0	5.3	0.48	33.5-54.5	22	-4.2
Uric Acid	mg/dl	192	5.7	0.6	0.06	4.5-7.0	5.3	-0.7

### Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	$\geq 3$
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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