



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 1438

Cycle - 10/2021
Round No - 04

Date: 22/04/2021

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	135	4.0	0.3	0.03	3.4-4.6	4.0	0.0
Alkaline Phosphatase	U/L	131	189.4	56.4	6.16	76.6-302.3	197	0.1
Bilirubin Total	mg/dL	136	1.4	0.3	0.03	0.9-1.9	1.6	0.6
Calcium(Total)	mg/dL	112	8.9	0.7	0.08	7.5-10.3	8.4	-0.7
Cholesterol (Total)	mg/dL	128	181.4	13.2	1.46	155.0-207.8	180	-0.1
Creatinine	mg/dL	138	1.3	0.2	0.02	1.0-1.6	1.4	0.5
Glucose	mg/dL	136	110.9	8.4	0.90	94.1-127.7	115	0.5
HDL	mg/dL	117	62.4	14.6	1.69	33.1-91.6	65.3	0.2
Potassium	mEq/L	106	3.9	0.2	0.02	3.5-4.2	3.9	0.3
Protein (Total)	g/dl	128	5.7	0.5	0.05	4.8-6.7	5.5	-0.5
Sodium	mEq/L	106	138.3	4.4	0.53	129.6-147.0	144	1.3
SGPT/ALT	U/L	137	31.2	4.8	0.51	21.7-40.8	34	0.6
SGOT/AST	U/L	137	32.6	5.9	0.63	20.8-44.5	36	0.6
Triglyceride	mg/dL	125	90.0	10.5	1.18	68.9-111.1	80	-0.9
Urea	mg/dL	137	44.4	4.9	0.53	34.5-54.3	45	0.1
Uric Acid	mg/dl	133	5.7	0.7	0.08	4.3-7.1	4.9	-1.1

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
---------	------------------------------	------------------	---------------------------	----------------------------

Chief Coordinator

Dr.Sanjay Mehrotra

Programme Director

Dr.Bandana Mehrotra

Checked By:

