



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2518

Cycle - 11/2022
Round No - 12

Date: 20/12/2022

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	235	4.1	0.3	0.02	3.6-4.6	3.9	-0.7
Alkaline Phosphatase	U/L	228	178.6	40.1	3.32	98.4-258.8	163	-0.4
Bilirubin Total	mg/dL	235	1.5	0.2	0.02	1.1-1.9	1.5	0.0
Calcium(Total)	mg/dL	211	8.9	0.5	0.04	7.8-9.9	8.6	-0.5
Cholesterol (Total)	mg/dL	229	167.1	21.5	1.78	124.0-210.1	150	-0.8
Creatinine	mg/dL	237	1.4	0.2	0.01	1.0-1.8	1.4	0.1
Glucose	mg/dL	238	103.5	10.8	0.87	82.0-125.1	97	-0.6
HDL	mg/dL	221	56.2	16.9	1.42	22.5-90.0	50.0	-0.4
Potassium	mEq/L	207	3.9	0.2	0.02	3.5-4.3	3.9	-0.1
Protein (Total)	g/dl	233	5.7	0.4	0.03	5.0-6.5	5.6	-0.4
Sodium	mEq/L	205	138.3	3.9	0.34	130.6-146.0	137	-0.3
SGPT/ALT	U/L	234	30.6	4.0	0.32	22.6-38.5	24	-1.7
SGOT/AST	U/L	234	31.5	4.6	0.38	22.3-40.7	26	-1.2
Triglyceride	mg/dL	229	92.9	8.8	0.73	75.3-110.4	100	0.8
Urea	mg/dL	235	43.4	4.2	0.34	35.0-51.8	38	-1.3
Uric Acid	mg/dl	234	5.7	0.5	0.04	4.8-6.6	5.8	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	(.) Not Reported	(#) Late Result	(S) Reported in
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Chief Coordinator

Dr. Sanjay Mehrotra

Checked by:

Prepared by: SS

Doc. No.: ASS / FR / 03 / R 01 / Dt.: 05.01.2022

Programme Director

Dr. Bandana Mehrotra

Page 1 of 7

*Reviewed
D-Saha
Score 100%*