



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2557

Cycle - 11/2022
Round No - 7

Date: 01/08/2022

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	227	4.0	0.2	0.02	3.6-4.5	3.9	-0.5
Alkaline Phosphatase	U/L	217	181.0	37.4	3.18	106.1-255.8	195	0.4
Bilirubin Total	mg/dL	226	1.5	0.2	0.02	1.1-1.9	1.5	0.1
Calcium(Total)	mg/dL	194	8.8	0.7	0.06	7.5-10.1	9.6	1.2
Cholesterol (Total)	mg/dL	221	167.6	22.3	1.88	122.9-212.3	151	-0.7
Creatinine	mg/dL	230	1.4	0.2	0.02	1.0-1.8	1.5	0.5
Glucose	mg/dL	231	105.7	10.1	0.83	85.6-125.8	99	-0.7
HDL	mg/dL	209	56.9	16.6	1.44	23.6-90.1	39.0	-1.1
Potassium	mEq/L	187	3.9	0.2	0.02	3.5-4.3	4.2	1.6
Protein (Total)	g/dl	222	5.8	0.4	0.03	5.1-6.5	5.3	-1.4
Sodium	mEq/L	188	138.1	3.8	0.35	130.5-145.8	145	1.8
SGPT/ALT	U/L	225	30.4	4.0	0.33	22.5-38.3	28	-0.6
SGOT/AST	U/L	226	31.3	4.4	0.37	22.5-40.1	27	-1.0
Triglyceride	mg/dL	221	91.9	9.6	0.81	72.6-111.2	100	0.8
Urea	mg/dL	229	43.6	3.9	0.32	35.9-51.4	46	0.6
Uric Acid	mg/dl	225	5.7	0.5	0.04	4.7-6.8	6.3	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	{.} Not Reported	(#)Late Result	(\$)Reported in
---------	-------------------------	------------------	----------------	-----------------

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



Address: B-171, Nirala Nagar, Lucknow - 226 020. Ph : 4034100-130 (30 Lines); 4077180, 2788444 Fax : (0522)2788555

Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

Continuous Efforts And Execution Leads To Quality Excellence