



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 3235

Cycle - 13/2024
Round No - 02

Date: 29/02/2024

Parameters	Units	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Albumin	g/dL	141	3.0	0.2	0.02	2.6-3.5	3.2	1.0
Alkaline Phosphatase	U/L	141	339.7	65.2	6.86	209.3-470.1	406	1.0
Bilirubin Total	mg/dL	143	5.2	0.6	0.06	3.9-6.4	4.3	-1.5
Calcium(Total)	mg/dL	129	12.2	0.6	0.07	11.0-13.4	12.4	0.3
Cholesterol (Total)	mg/dL	139	277.4	16.1	1.71	245.2-309.6	296	1.2
Creatinine	mg/dL	144	4.2	0.4	0.04	3.5-5.0	4.1	-0.3
Glucose	mg/dL	146	277.3	12.4	1.27	252.7-301.8	276	-0.1
HDL	mg/dL	134	97.8	23.0	2.48	51.7-143.9	102.3	0.2
Potassium	mEq/L	120	5.7	0.2	0.02	5.3-6.2	-	-
Protein (Total)	g/dl	141	4.7	0.4	0.04	4.0-5.4	5.0	0.8
Sodium	mEq/L	119	153.1	5.0	0.57	143.0-163.2	-	-
SGPT/ALT	U/L	142	130.3	13.7	1.44	103.0-157.6	130	0.0
SGOT/AST	U/L	142	140.0	11.8	1.24	116.3-163.7	152	1.0
Triglyceride	mg/dL	138	251.1	12.3	1.31	266.6-275.7	269	1.4
Urea	mg/dL	144	118.5	9.1	0.95	100.3-136.6	125	0.7
Uric Acid	mg/dl	143	9.3	0.6	0.06	8.2-10.4	9.8	0.8

Interpretation of Z Score :

Z Score Value (+/-)	$[z] \leq 2.0$	$2.0 < [z] < 3.0$	$[z] \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Legends	(*) Excluded From Group Mean	{ } Not Reported	(#) Late Result Submission	(S) Reported in other Unit
---------	------------------------------	------------------	----------------------------	----------------------------

Chief Coordinator

Dr. Sanjay Mehtotra

Checked by:

Prepared by:

Programme Director

Dr. Bandana Mehrotra

Doc. No.: ASS / FR / 03A / R.02 / DE: 05.01.2022

Page 1 of 7



Address: B-171, Nirala Nagar, Lucknow-226020. 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