



# RML- Quality Assurance Program (RML-QAP)



## BIO-CHEMISTRY-02

### ALL METHOD REPORT

Lab Code: 1926

Cycle - 12/2023

Round No - 08

Date: 31/08/2023

Parameters	Units	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Albumin	g/dL	120	2.9	0.2	0.02	2.5-3.3	*3.8	4.5
Alkaline Phosphatase	U/L	121	328.5	59.2	6.73	210.1-446.9	402	1.2
Bilirubin (Total)	mg/dL	121	5.1	0.6	0.07	3.9-6.3	5.2	0.2
Calcium (Total)	mg/dL	115	12.5	0.5	0.06	11.5-13.4	-	-
Cholesterol (Total)	mg/dL	121	261.5	13.7	1.55	234.2-288.8	252	-0.7
Creatinine	mg/dL	122	4.2	0.2	0.02	3.8-4.6	4.0	-1.0
Glucose	mg/dL	121	265.6	16.9	1.92	231.8-299.4	272	0.4
HDL	mg/dL	114	81.3	17.7	2.08	45.9-116.8	49.3	-1.8
Potassium	mEq/L	100	5.7	0.3	0.04	5.1-6.4	-	-
Protein (Total)	g/dl	120	4.5	0.3	0.04	3.9-5.2	4.6	0.2
Sodium	mEq/L	100	155.7	4.0	0.50	147.7-163.8	-	-
SGPT/ALT	U/L	122	134.2	11.2	1.26	111.9-156.6	120	-1.3
SGOT/AST	U/L	121	131.8	8.5	0.96	114.9-148.7	124	-0.9
Triglyceride	mg/dL	120	251.0	14.7	1.68	221.5-280.5	258	0.5
Urea	mg/dL	122	113.6	7.4	0.84	98.7-128.4	113	-0.1
Uric Acid	mg/dl	119	9.3	0.6	0.07	8.1-10.6	10.3	1.6
Chloride	mEq/L	95	115.6	4.7	0.60	106.2-125.0	-	-
Phosphorus	mg/dL	86	6.7	0.3	- 0.04	6.1-7.4	-	-
Magnesium	mg/dl	26	4.2	0.1	0.03	4.0-4.5	-	-
Iron	$\mu$ g/dL	82	217.9	14.8	2.04	188.3-247.4	-	-
Amylase	U/L	60	288.7	28.5	4.59	231.8-345.6	-	-
CK	U/L	24	449.9	94.7	24.16	260.5-639.3	-	-

#### 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	(\$)Reported in other Unit
---------	------------------------------	------------------	---------------------------	----------------------------

Chief Coordinator

Programme Director

Dr.Sanjay Mehrotra

Dr.Bandana Mehrotra

Checked By:

Page 1 of 7

Prepared by: A.D

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



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