



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2662

Cycle - 12/2023
Round No - 12

Date: 29/12/2023

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	216	4.2	0.3	0.02	3.7-4.7	3.7	-1.8
Alkaline Phosphatase	U/L	214	179.7	32.0	2.73	115.8-243.7	176	-0.1
Bilirubin Total	mg/dL	221	1.5	0.2	0.02	1.1-1.9	1.6	0.6
Calcium(Total)	mg/dL	193	8.8	0.5	0.04	7.8-9.7	9.5	1.6
Cholesterol (Total)	mg/dL	210	148.3	9.8	0.84	128.8-167.8	167	1.9
Creatinine	mg/dL	222	1.5	0.2	0.01	1.2-1.8	1.7	1.4
Glucose	mg/dL	224	97.9	5.7	0.47	86.6-109.2	107	1.6
HDL	mg/dL	198	50.9	5.8	0.52	39.3-62.5	51.3	0.1
Potassium	mEq/L	171	4.0	0.1	0.01	3.7-4.3	3.9	-0.6
Protein (Total)	g/dl	215	5.7	0.4	0.03	5.0-6.5	5.6	-0.4
Sodium	mEq/L	171	138.9	3.5	0.33	131.9-145.9	140	0.3
SGPT/ALT	U/L	219	30.5	3.7	0.31	23.0-37.9	33	0.7
SGOT/AST	U/L	220	30.0	3.1	0.26	23.7-36.3	29	-0.3
Triglyceride	mg/dL	209	98.6	6.1	0.53	86.4-110.9	106	1.2
Urea	mg/dL	222	43.2	3.7	0.31	35.9-50.5	47	1.0
Uric Acid	mg/dl	213	5.9	0.4	0.04	5.0-6.7	5.8	1.5

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
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By

Prepared by: PS

Programme Director

Dr.Bandana Mehrotra

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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

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