



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 3005

Cycle - 12/2023

Round No - 5

Date: 31/05/2023

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	212	4.1	0.3	0.03	3.6-4.7	*2.0	-7.0
Alkaline Phosphatase	U/L	201	181.4	33.4	2.94	114.6-248.2	161	-0.6
Bilirubin Total	mg/dL	214	1.5	0.2	0.02	1.1-1.8	1.1	-2.0
Calcium(Total)	mg/dL	192	8.8	0.6	0.06	7.5-10.0	7.8	-1.6
Cholesterol (Total)	mg/dL	206	148.9	7.3	0.64	134.2-163.5	152	0.4
Creatinine	mg/dL	216	1.5	0.2	0.02	1.1-1.8	1.8	1.5
Glucose	mg/dL	218	100.4	5.5	0.47	89.5-111.4	*83	-3.2
HDL	mg/dL	193	47.6	7.7	0.69	32.2-62.9	.	-
Potassium	mEq/L	172	4.1	0.1	0.01	3.8-4.3	4.1	0.0
Protein (Total)	g/dl	210	5.8	0.5	0.04	4.9-6.7	4.7	-2.2
Sodium	mEq/L	172	139.2	4.4	0.42	130.5-148.0	143	0.9
SGPT/ALT	U/L	214	30.8	4.0	0.34	22.8-38.7	33	0.6
SGOT/AST	U/L	214	30.5	3.7	0.32	23.2-37.8	33	0.7
Triglyceride	mg/dL	205	99.0	7.5	0.65	84.0-114.1	*66	-4.4
Urea	mg/dL	215	43.4	3.7	0.32	36.0-50.7	*29	-3.9
Uric Acid	mg/dl	207	5.9	0.5	0.04	4.9-6.9	*2.4	-7.0

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

Dr.Sanjay Mehrotra

Programme Director

Dr.Bandana Mehrotra

Checked By:

Page 1 of 7

Prepared by: SHK

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



Address: B-171, Nirala Nagar, Lucknow-226020. Ph.: 4034100, 4077180, Fax: (0522)2788555
Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

Continuous Efforts And Execution Leads To Quality Excellence