



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-02

ALL METHOD REPORT

Cycle - 12/2023

Round No - 04

Date: 29/04/2023

Lab Code: 1926

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	101	4.2	0.3	0.04	3.7-4.7	3.9	-1.0
Alkaline Phosphatase	U/L	99	172.2	23.0	2.89	126.2-218.2	179	0.3
Bilirubin (Total)	mg/dL	100	1.5	0.2	0.03	1.1-1.8	1.3	-1.0
Calcium (Total)	mg/dL	93	8.9	0.4	0.05	8.0-9.7	.	-
Cholesterol (Total)	mg/dL	99	150.7	9.1	1.14	132.4-168.9	*123	-3.0
Creatinine	mg/dL	100	1.5	0.1	0.01	1.3-1.7	1.5	0.0
Glucose	mg/dL	99	102.4	6.2	0.78	89.9-114.9	88	-2.3
HDL	mg/dL	94	48.6	6.8	0.88	35.0-62.1	33.8	-2.2
Potassium	mEq/L	90	4.0	0.2	0.03	3.6-4.5	.	-
Protein (Total)	g/dl	98	5.8	0.3	0.04	5.2-6.5	5.1	-2.3
Sodium	mEq/L	90	140.4	3.5	0.46	133.5-147.3	.	-
SGPT/ALT	U/L	100	31.3	3.5	0.44	24.2-38.3	23	-2.4
SGOT/AST	U/L	99	30.1	2.7	0.34	24.8-35.4	24	-2.3
Triglyceride	mg/dL	98	99.5	8.5	1.07	82.5-116.5	86	-1.6
Urea	mg/dL	100	42.9	2.8	0.35	37.3-48.5	39	-1.4
Uric Acid	mg/dl	98	5.9	0.4	0.05	5.0-6.7	5.3	-1.5
Chloride	mEq/L	88	99.5	3.9	0.52	91.6-107.3	.	-
Phosphorus	mg/dL	80	4.6	0.2	0.03	4.2-5.0	.	-
Magnesium	mg/dl	27	2.1	0.2	0.05	1.7-2.6	.	-
Iron	μ g/dL	70	111.9	6.1	0.91	99.8-124.0	.	-
Amylase	U/L	56	83.1	9.0	1.50	65.1-101.1	.	-
CK	U/L	21	182.7	34.2	9.33	114.4-251.0	.	-

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
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Chief Coordinator

Dr. Sanjay Mehrotra

Checked By:

Prepared by: PS

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