



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-02

ALL METHOD REPORT

Lab Code: 1926

Cycle - 12/2023

Round No - 03

Date: 31/03/2023

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	90	3.0	0.2	0.23	2.5-3.4	3.0	0.0
Alkaline Phosphatase	U/L	89	325.4	50.8	50.75	223.9-426.9	428	2.0
Bilirubin (Total)	mg/dL	90	5.2	0.6	0.08	4.1-6.3	5.4	0.3
Calcium (Total)	mg/dL	84	12.4	0.7	0.10	11.1-13.7	.	-
Cholesterol (Total)	mg/dL	89	266.0	11.1	1.47	243.9-288.1	264	-0.2
Creatinine	mg/dL	90	4.2	0.2	0.03	3.7-4.7	4.1	-0.5
Glucose	mg/dL	89	271.9	14.1	1.87	243.7-300.1	.	-
HDL	mg/dL	85	75.4	21.5	2.92	32.5-118.3	55.5	-0.9
Potassium	mEq/L	83	5.7	0.3	0.04	5.1-6.3	.	-
Protein (Total)	g/dl	89	4.6	0.3	0.03	4.1-5.1	4.7	0.5
Sodium	mEq/L	83	156.5	4.4	0.60	147.8-165.2	.	-
SGPT/ALT	U/L	90	136.1	8.3	1.09	119.5-152.7	117	-2.3
SGOT/AST	U/L	89	135.5	8.4	1.11	118.6-152.3	126	-1.1
Triglyceride	mg/dL	88	254.2	10.8	1.44	232.6-275.8	253	-0.1
Urea	mg/dL	89	113.5	6.9	0.91	99.6-127.3	114	0.1
Uric Acid	mg/dl	89	9.4	0.6	0.08	8.2-10.7	10.0	1.0
Chloride	mEq/L	80	115.9	3.9	0.55	108.1-123.8	.	-
Phosphorus	mg/dL	75	6.8	0.3	0.04	6.2-7.3	.	-
Magnesium	mg/dl	26	4.0	0.8	0.20	2.3-5.6	.	-
Iron	µg/dL	66	217.8	14.2	2.18	189.4-246.2	.	-
Amylase	U/L	54	287.1	22.2	3.78	242.6-331.6	.	-
CK	U/L	22	533.7	34.4	9.17	464.9-602.5	.	-

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	(\$) Reported in other Unit
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