



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-02

ALL METHOD REPORT

Lab Code: 1926

Cycle - 12/2023

Round No - 05

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	108	4.2	0.2	0.02	3.9-4.6	4.2	-0.1
Alkaline Phosphatase	U/L	107	174.9	26.8	3.24	121.3-228.5	190	0.6
Bilirubin (Total)	mg/dL	109	1.5	0.2	0.03	1.0-1.9	1.2	-1.2
Calcium (Total)	mg/dL	99	8.9	0.6	0.07	7.8-10.0	.	-
Cholesterol (Total)	mg/dL	108	149.1	9.5	1.14	130.2-168.1	134	-1.6
Creatinine	mg/dL	109	1.5	0.1	0.02	1.2-1.8	1.5	0.0
Glucose	mg/dL	107	101.5	6.8	0.82	87.9-115.2	97	-0.7
HDL	mg/dL	102	47.7	7.5	0.93	32.7-62.7	36.3	-1.5
Potassium	mEq/L	96	4.0	0.2	0.02	3.7-4.3	.	-
Protein (Total)	g/dl	107	5.8	0.3	0.04	5.1-6.5	5.8	0.0
Sodium	mEq/L	96	140.0	3.2	0.40	133.7-146.4	.	-
SGPT/ALT	U/L	108	31.4	2.9	0.34	25.7-37.1	27	-1.6
SGOT/AST	U/L	107	30.3	2.3	0.28	25.7-35.0	29	-0.6
Triglyceride	mg/dL	107	99.6	9.6	1.15	80.5-118.7	85	-1.5
Urea	mg/dL	108	42.7	3.4	0.41	35.9-49.6	40	-0.8
Uric Acid	mg/dl	105	5.9	0.5	0.06	4.8-6.9	5.2	-1.3
Chloride	mEq/L	91	100.0	3.5	0.46	93.0-107.0	.	-
Phosphorus	mg/dL	85	4.6	0.3	0.04	4.0-5.2	.	-
Magnesium	mg/dl	29	2.1	0.2	0.05	1.7-2.5	.	-
Iron	μ g/dL	73	114.2	13.5	1.97	87.2-141.1	.	-
Amylase	U/L	63	83.0	9.6	1.51	63.8-102.2	.	-
CK	U/L	24	180.5	48.7	12.43	83.1-278.0	.	-

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

Programme Director

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Checked By:

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



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