

RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-02

ALL METHOD REPORT

Cycle - 12/2023

Round No - 1

Lab Code: 2719

Date: 28/2/2023

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	83	2.9	0.2	0.03	2.5-3.3	*2.3	-3.2
Alkaline Phosphatase	U/L	83	314.8	44.7	6.13	225.4-404.2	265	-1.1
Bilirubin Total	mg/dL	83	5.2	0.6	0.08	4.1-6.3	4.0	-2.1
Calcium(Total)	mg/dL	81	12.4	0.7	0.10	11.0-13.8	10.9	-2.1
Cholesterol (Total)	mg/dL	82	264.0	9.6	1.32	244.8-283.2	*195	-7.2
Creatinine	mg/dL	83	4.2	0.2	0.03	3.8-4.6	*2.9	-6.2
Glucose	mg/dL	82	269.6	13.9	1.91	241.9-297.3	*207	-4.5
HDL	mg/dL	81	83.9	11.1	1.54	61.7-106.2	*45	-3.5
Potassium	mEq/L	79	5.8	0.3	0.04	5.2-6.3	*4	-6.5
Protein (Total)	g/dL	83	4.4	0.2	0.03	4.0-4.9	*3.5	-4.5
Sodium	mEq/L	79	156.8	2.9	0.40	151.1-162.5	*114	-15.0
SGPT/ALT	U/L	83	137.5	9.9	1.36	117.6-157.4	*108	-3.0
SGOT/AST	U/L	83	135.2	10.4	1.43	114.4-156.0	108	-2.6
Triglyceride	mg/dL	82	251.4	9.9	1.37	231.5-271.2	*182	-7.0
Urea	mg/dL	83	112.4	8.2	1.12	96.1-128.8	89	-2.9
Uric Acid	mg/dL	82	9.3	0.5	0.07	8.2-10.3	*7.5	-3.4
Chloride	mEq/L	77	114.9	4.2	0.60	106.4-123.3	*87	-6.6
Phosphorus	mg/dL	72	6.7	0.4	0.05	6.0-7.4	*4.4	-6.3
Magnesium	mg/dL	25	4.1	0.6	0.16	2.8-5.3	3.18	-1.4
Iron	µg/dL	59	218.6	10.4	1.69	197.8-239.4	*159	-5.7
Amylase	U/L	49	285.8	30.5	5.45	224.8-346.9	198	-2.9
CK	U/L	23	576.1	97.6	25.43	381.0-771.2	.	-

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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