



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 3168

Cycle - 13/2024

Round No - 04

Date: 30/04/2024

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	205	3.0	0.2	0.02	2.6-3.4	3.0	0.0
Alkaline Phosphatase	U/L	206	348.4	63.9	5.57	220.7-476.1	296	-0.8
Bilirubin Total	mg/dL	210	5.2	0.5	0.04	4.1-6.2	4.8	-0.8
Calcium(Total)	mg/dL	182	12.4	0.6	0.06	11.1-13.6	13.0	1.0
Cholesterol (Total)	mg/dL	204	278.7	14.8	1.30	249.1-308.4	236	-2.9
Creatinine	mg/dL	212	4.4	0.4	0.03	3.6-5.2	4.2	-0.5
Glucose	mg/dL	210	274.2	16.6	1.43	240.9-307.5	287	0.8
HDL	mg/dL	189	104.7	19.1	1.74	66.4-143.0	119.0	0.7
Potassium	mEq/L	162	5.7	0.3	0.03	5.1-6.3	6.0	1.0
Protein (Total)	g/dl	204	4.7	0.4	0.04	3.9-5.5	5.0	0.8
Sodium	mEq/L	162	152.6	4.9	0.48	142.8-162.4	158	1.1
SGPT/ALT	U/L	208	128.5	11.5	1.00	105.5-151.5	*85	-3.8
SGOT/AST	U/L	208	140.1	11.3	0.98	117.5-162.8	142	0.2
Triglyceride	mg/dL	204	250.9	15.4	1.35	220.1-281.7	*300	3.2
Urea	mg/dL	209	120.3	9.9	0.86	100.5-140.1	111	-0.9
Uric Acid	mg/dl	208	9.3	0.6	0.05	8.2-10.5	8.0	-2.2

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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