



RML - Quality Assurance Program (RML - QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2208

Cycle - 10/2021

Round No - 10

Date: 30/10/2021

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	160	4.0	0.3	0.03	3.4-4.7	4.3	0.8 ✓
Alkaline Phosphatase	U/L	152	183.7	53.6	5.44	76.4-291.0	237	1.0 ✓
Bilirubin Total	mg/dL	162	1.5	0.2	0.02	1.0-2.0	1.2	-1.1 ✓
Calcium(Total)	mg/dL	134	8.9	0.6	0.06	7.8-10.1	9.3	0.7 ✓
Cholesterol (Total)	mg/dL	155	182.0	11.2	1.12	159.7-204.4	183	0.1 ✓
Creatinine	mg/dL	161	1.3	0.2	0.02	1.0-1.7	1.4	0.3 ✓
Glucose	mg/dL	163	109.5	10.5	1.03	88.4-130.5	98	-1.1 ✓
HDL	mg/dL	144	60.9	15.0	1.57	30.8-9.10	.	-
Potassium	mEq/L	134	3.9	0.2	0.02	3.5-4.2	.	-
Protein (Total)	g/dl	158	5.7	0.5	0.04	4.8-6.6	5.5	-0.5 ✓
Sodium	mEq/L	134	138.2	4.2	0.46	129.8-146.7	.	-
SGPT/ALT	U/L	160	30.6	5.5	0.54	19.6-41.6	35	0.8 ✓
SGOT/AST	U/L	161	32.4	5.6	0.55	21.3-43.6	33	0.1 ✓
Triglyceride	mg/dL	153	89.9	11.1	1.12	67.8-112.0	91	0.1 ✓
Urea	mg/dL	161	43.9	4.8	0.47	34.2-53.5	44	0.0 ✓
Uric Acid	mg/dl	161	5.6	0.6	0.06	4.4-6.8	6.6	1.7 ✓

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Legends	(*) Excluded From Group Mean	{.} Not Reported	(#)Late Result Submission	(\$)Reported in other Unit
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Chief Coordinator

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