



# RML - Quality Assurance Program (RML - QAP)



## BIO-CHEMISTRY-01

### ALL METHOD REPORT

Lab Code: 1990

Cycle - 9/2020  
Round No - 12

Date: 28/12/2020

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	93	4.1	0.3	0.04	3.5-4.7	4.7	2.0
Alkaline Phosphatase	U/L	94	180.3	49.8	6.42	80.6-280.0	162	-0.4
Bilirubin Total	mg/dL	97	1.5	0.2	0.03	1.0-2.0	1.6	0.5
Calcium(Total)	mg/dL	86	8.9	0.6	0.08	7.8-10.0	9.9	1.7
Cholesterol (Total)	mg/dL	90	182.3	12.4	1.63	157.6-207.0	208	2.1
Creatinine	mg/dL	95	1.4	0.2	0.03	1.0-1.7	1.3	-0.5
Glucose	mg/dL	97	109.9	9.6	1.22	90.7-129.1	122	1.3
HDL	mg/dL	82	60.6	10.3	1.42	40.0-81.2	41.3	-1.9
Potassium	mEq/L	74	3.8	0.2	0.03	3.5-4.1	3.9	0.5
Protein (Total)	g/dl	93	5.8	0.5	0.06	4.9-6.7	6.6	1.6
Sodium	mEq/L	74	136.8	3.9	0.57	128.9-144.7	*167	7.7
SGPT/ALT	U/L	96	31.4	4.3	0.55	22.9-39.9	42	2.5
SGOT/AST	U/L	96	32.6	5.0	0.64	22.6-42.5	38	1.1
Triglyceride	mg/dL	89	88.9	8.1	1.07	72.8-105.0	64	-3.1
Urea	mg/dL	97	44.4	4.1	0.52	36.2-52.6	43	-0.3
Uric Acid	mg/dl	94	5.6	0.6	0.08	4.4-6.8	6.3	1.2

### 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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# Test Report (by Request)

**Test Information**

Request: 1/8/2021 3:23:22 PM  
Date: 1/8/2021

Name/ID	Assay	Absorbance	Concentration	Interpretation	Reference
R-EQUAS	TRIGLYCERIDES ERBA	0.103 Abs	69.2		25.0 - 160.0

Group Mean - 88.9  
SD - 8.1  
3xSD = 24.3

$$\boxed{\text{New SDI} - 2.4} = \frac{\text{Value} - \text{gp mean}}{\text{SD}}$$

Random error

Corrective Action taken

V. DeLeon  
8/1/21

Signature \_\_\_\_\_