



BIO-CHEMISTRY-02 ALL METHOD REPORT

Lab Code: 2187

Cycle - 11/2022
Round No - 1

Date: 21/02/2022

Parameters	Units	No.of. Parti- cipants	Group Mean	Standard deviation (SD)	Uncertai nty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	140	4.0	0.3	0.03	3.5-4.6	3.7	-1.0
Alkaline Phosphatase	U/L	132	172.8	41.1	4.47	90.6-255.1	149	-0.6
Bilirubin Total	mg/dL	141	1.5	0.2	0.02	1.1-1.9	1.4	-0.5
Calcium(Total)	mg/dL	122	8.9	0.7	0.08	7.5-10.2	10.0	1.6
Cholesterol (Total)	mg/dL	140	178.4	13.6	1.44	151.2-205.6	185	0.5
Creatinine	mg/dL	143	1.3	0.1	0.01	1.1-1.6	1.4	1.0
Glucose	mg/dL	142	111.1	6.9	0.72	97.3-124.9	115	0.6
HDL	mg/dL	133	64.8	16.7	1.81	31.4-98.2	66.0	0.1
Potassium	mEq/L	125	3.8	0.2	0.02	3.4-4.2	3.6	-1.0
Protein (Total)	g/dl	139	5.8	0.4	0.04	5.0-6.6	5.5	-0.8
Sodium	mEq/L	125	137.6	3.8	0.42	130.0-145.3	131	-1.7
SGPT/ALT	U/L	141	31.7	4.8	0.51	22.1-41.2	29	-0.6
SGOT/AST	U/L	141	33.0	5.1	0.54	22.8-43.1	36	0.6
Triglyceride	mg/dL	140	90.5	8.1	0.86	74.3-106.6	103	1.5
Urea	mg/dL	143	43.9	4.5	0.47	35.0-52.8	45	0.2
Uric Acid	mg/dl	142	5.6	0.6	0.06	4.5-6.7	6.7	1.8
Chloride	mEq/L	26	98.5	3.7	0.91	91.1-106.0	91	-2.0
Phosphorus	mg/dL	24	4.5	0.3	0.08	3.9-5.1	.	-
Magnesium	mg/dl	17	2.0	0.2	0.06	1.5-2.5	.	-
Iron	µg/dL	17	111.5	11.6	3.52	88.3-134.7	.	-
Amylase	U/L	25	74.9	13.4	3.35	48.1-101.7	59	-1.2
CK	U/L	21	190.5	52.0	14.18	86.5-294.5	204	0.3

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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