



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2242

Cycle - 10/2021

Round No - 11

Date: 22/11/2021

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	123	2.9	0.2	0.03	2.5-3.4	-	-
Alkaline Phosphatase	U/L	116	315.1	90.4	10.49	134.2-495.9	-	-
Bilirubin Total	mg/dL	122	4.8	0.6	0.06	3.7-6.0	-	-
Calcium(Total)	mg/dL	102	12.0	1.1	0.13	9.8-14.1	-	-
Cholesterol (Total)	mg/dL	119	274.9	17.6	2.02	239.7-310.2	-	-
Creatinine	mg/dL	122	4.3	0.4	0.04	3.5-5.1	-	-
Glucose	mg/dL	124	260.5	19.6	2.19	221.4-299.6	-	-
HDL	mg/dL	110	90.9	30.9	3.68	29.2-152.6	-	-
Potassium	mEq/L	106	5.9	0.3	0.04	5.2-6.5	-	-
Protein (Total)	g/dl	119	4.6	0.4	0.05	3.8-5.5	-	-
Sodium	mEq/L	106	155.5	5.4	0.66	144.7-166.3	-	-
SGPT/ALT	U/L	122	119.6	15.5	1.76	88.5-150.6	-	-
SGOT/AST	U/L	121	129.5	17.9	2.03	93.8-165.2	-	-
Triglyceride	mg/dL	117	252.7	21.0	2.42	210.7-294.6	-	-
Urea	mg/dL	122	118.2	11.1	1.25	96.1-140.3	-	-
Uric Acid	mg/dl	123	8.9	0.8	0.09	7.3-10.5	-	-

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

Dr.Sanjay Mehrotra

Checked By:

Programme Director

Dr.Bandana Mehrotra

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RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY

METHOD WISE REPORT

Cycle - 10/2021

Round No - 11

Date: 22/11/2021

Lab Code: 2242

Note: @ Parameters are not part of Method Group

Parameters	Units	Method Group	No.of. Participants in Group	Method Wise Group Mean	Method Wise Standard deviation (SD)	Method Wise Uncertainty of Assign Values	Method Wise Range (± 2 SD)	Your Value	Method Wise Standard Deviation Index (SDI)
Albumin	g/dL	Bromcresal Green (BCG)	54	2.9	0.3	0.04	2.4-3.4	.	-
Alkaline Phosphatase	U/L	PNPP, AMP Buffer	31	332.1	74.5	16.71	183.2-481.0	.	-
Bilirubin Total @	mg/dL	Jeandressik Grof	10	4.7	0.3	0.10	4.2-5.2	-	-
Calcium(Total)	mg/dL	Arsenazo iii	31	11.9	1.1	0.24	9.8-14.0	.	-
Cholesterol (Total)	mg/dL	Cholestrol Oxidase,esterase, peroxidase	41	270.3	13.8	2.69	242.7-297.8	.	-
Creatinine	mg/dL	Alkaline picrate-kinetic	14	4.2	0.5	0.17	3.1-5.2	.	-
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	45	262.4	18.9	3.52	224.6-300.1	.	-
HDL @	mg/dL	Direct measure-PEG	24	104.4	30.2	7.71	44.0-164.8	-	-
Potassium	mEq/L	ISE Direct	26	5.9	0.3	0.07	5.4-6.5	.	-
Protein (Total) @	g/dl	Biuret, reagent blank, end point	30	4.7	0.3	0.08	4.0-5.4	-	-
Sodium	mEq/L	ISE Direct	27	156.5	3.8	0.92	148.8-164.1	.	-
SGPT/ALT	U/L	UV without P5P	28	121.4	16.8	3.96	87.9-155.0	.	-
SGOT/AST	U/L	UV without P5P	25	135.3	24.3	6.07	86.8-183.8	.	-
Triglyceride	mg/dL	Enzymatic, end point	22	251.6	25.7	6.86	200.1-303.0	.	-
Urea	mg/dL	Urease, UV	37	118.0	9.4	1.93	99.3-136.8	.	-
Uric Acid	mg/dl	Uricase, Colorimetric	33	9.0	0.7	0.15	7.7-10.3	.	-

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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Chief Coordinator

Dr.Sanjay Mehrotra

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