

BIO-CHEMISTRY

METHOD WISE REPORT

Cycle - 11/2022

Round No - 6

Date: 23/06/2022

Lab Code: 2135

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)	82	2.9	0.2	0.03	2.5-3.3	2.9	-0.1
Alkaline Phosphatase @	U/L	PNPP, AMP Buffer	52	307.9	63.5	11.01	180.8-435.0	-	-
Bilirubin Total	mg/dL	Diazonium Ion	45	4.9	0.5	0.09	3.9-5.8	5.4	1.1
Calcium(Total)	mg/dL	Arsenazo iii	42	11.5	1.3	0.24	9.0-14.0	10.9	-0.5
Cholesterol (Total)	mg/dL	Cholesterol Oxidase,esterase, peroxidase	55	274.2	16.1	2.71	242.1-306.3	260	-0.9
Creatinine	mg/dL	Enzymatic	32	4.3	0.4	0.08	3.6-5.0	4.0	-0.8
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	38	269.3	17.8	3.60	233.8-304.8	244	-1.4
HDL @	mg/dL	Direct measure-PFG	23	99.6	36.0	9.38	27.7-171.6	-	-
Potassium	mEq/L	ISE Direct	55	5.8	0.3	0.06	5.1-6.5	5.8	-0.1
Protein (Total)	g/dl	Biuret, reagent blank, end point	28	4.8	0.6	0.13	3.6-3.9	-	-
Sodium @	mEq/L	ISE Direct	57	154.8	5.0	0.82	144.8-164.7	152	-0.6
SGPT/ALT @	U/L	UV without PSP	31	121.0	15.2	3.42	90.6-151.5	114	-0.5
SGOT/AST @	U/L	UV without PSP	31	127.8	14.6	3.27	98.7-156.9	110	-1.2
Triglyceride @	mg/dL	Enzymatic, end point	33	252.5	17.0	3.70	218.5-286.6	-	-
Urea	mg/dL	Urease, UV	42	115.8	8.4	1.63	98.9-132.7	116	0.0
Uric Acid	mg/dl	Uricase, Colorimetric	54	9.1	0.7	0.12	7.6-10.5	8.3	-1.1

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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Checked By:

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Doc. No.: ASS / FR / 03 B / R 01 / Dt.: 05.01.2022