

## BIO-CHEMISTRY-02

### METHOD WISE REPORT

Lab Code:2800

Cycle - 12/2023  
Round No - 01

Date: 28/2/2023

Note: @ Parameters are not part of Method Group

Parameters	Units	Method Group	No.of. Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Albumin	g/dL	Bromcresal Green (BCG)	63	2.98	0.2	0.03	2.6-3.4	2.8	-0.9
Alkaline Phosphatase	U/L	PNPP	63	310.6	42.63	6.71	225.3-395.9	360	1.2
Bilirubin Total	mg/dL	Diazonium Ion	63	5.21	0.59	0.09	4.0-6.4	4.3	-1.5
Calcium(Total) @	mg/dL	Arsenazo iii	46	12.31	0.9	0.17	10.5-14.1	-	-
Cholesterol (Total)	mg/dL	Cholesterol Oxidase,esterase, peroxidase	66	265.47	11.76	1.81	242.0-289.0	*306	3.4
Creatinine	mg/dL	Alkaline picrate	55	4.24	0.2	0.03	3.8-4.6	3.7	-2.7
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	41	277.89	19.61	3.83	238.7-317.1	311	1.7
HDL @	mg/dL	Direct measure	39	81.2	18.88	3.78	43.4-119.0	-	-
Potassium	mEq/L	ISE Direct	36	5.66	0.23	0.05	5.2-6.1	5.6	-0.3
Protein (Total)	g/dl	Biuret, reagent blank, end point	42	4.62	0.4	0.08	3.8-5.4	5.2	1.5
Sodium	mEq/L	ISE Direct	36	156.32	3.9	0.81	148.5-164.1	160	0.9
SGPT/ALT	U/L	UV without P5P	48	136.01	11.58	2.09	112.9-159.2	133	-0.3
SGOT/AST	U/L	UV without P5P	47	134.25	9.79	1.79	114.7-153.8	139	0.5
Triglyceride	mg/dL	Enzymatic method	42	252.37	14.01	2.70	224.4-280.4	271	1.3
Urea	mg/dL	Urease	56	112.08	8.36	1.40	95.4-128.8	101	-1.3
Uric Acid	mg/dl	Uricase	49	9.2	0.52	0.09	8.2-10.2	9.6	0.8
Chloride @	mEq/L	ISE Indirect	40	114.13	3.73	0.74	106.7-121.6	-	-
Phosphorus	mg/dL	Phosphomolybdate method	53	6.67	0.35	0.06	6.0-7.4	6.3	-1.1
Magnesium	mg/dl	Uricase Colorimetic	11	3.83	0.42	0.16	3.0-4.7	3.50	-0.8
Iron	µg/dL	Ferene	25	223.57	13.72	3.43	196.1-251.0	248	1.8
Amylase	U/L	Uricase Colorimetic	28	283.22	43.59	10.30	196.0-370.4	*437	3.5

### Interpretation of Z Score :

Z Score Value(+/-)	$[Z] \leq 2.0$	$2.0 < [Z] < 3.0$	$[Z] \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

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

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Prepared by: NT

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