



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2022



PG-1024

Lab Name DR BATRA LABORATORY

Lab No 15325

Constituent Group Chemistry I

Date of Result Entered : 13/06/2022

PT item Lyophilized Serum

Date of Report Published : 07/07/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	716	141.52	7.11	10.06	146 mg/dL	0.45	0.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	631	85.87	8.79	7.55	87 mg/dL	0.15	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	504	7.75	11.21	0.87	7.59 mg/dL	-0.18	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	636	5.70	12.66	0.72	5.6 mg/dL	-0.14	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	765	4.71	11.72	0.55	4.7 g/dL	-0.02	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.84	9.49	0.27	2.8 g/dL	-0.15	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	703	9.70	9.92	0.96	9.7 mg/dL	0.00	0.07
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	724	92.88	11.19	10.39	94 mg/dL	0.11	0.77
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	677	146.19	9.44	13.80	154 mg/dL	0.57	1.06
10	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	486	22.93	17.68	4.05	22.1 mg/dL	-0.20	0.37
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	634	49.10	12.58	6.18	49 U/L	-0.02	0.49
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	561	91.62	17.58	16.11	91 U/L	-0.04	1.36
13	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	441	344.26	14.94	51.42	323 U/L	-0.41	4.90

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

**LAB ADDRESS :**

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Homogeneity and Stability of the sample is passed.