



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - AUGUST 2023



PC-1024

Lab Name **DR. GARG'S PATH LAB** Lab No **6719**  
 Constituent Group **Chemistry I** Date of Result Entered : **23/08/2023**  
 PT item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Mindray	214	63.11	6.92	4.37	70.58 mg/dL	1.71	0.60
2	UREA	Urease UV / GLDH	Mindray	264	18.69	9.40	1.76	21.15 mg/dL	1.40	0.22
3	CREATININE	Enzymatic Colorimetric	Mindray	102	0.80	10.36	0.08	0.81 mg/dL	0.12	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Mindray	213	0.77	15.19	0.12	0.75 mg/dL	-0.17	0.02
5	T-PROTEIN	Biuret - Colorimetric	Mindray	284	5.69	7.21	0.41	5.74 g/dL	0.12	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	283	3.51	6.24	0.22	3.4 g/dL	-0.50	0.03
7	CALCIUM	Arsenazo III	Mindray	233	9.65	7.17	0.69	9.76 mg/dL	0.16	0.09
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	264	3.64	8.68	0.32	3.23 mg/dL	-1.30	0.04
9	CHOLESTEROL	CHOD-PAP	Mindray	290	124.27	6.18	7.68	126.75 mg/dL	0.32	0.90
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	287	128.82	8.14	10.48	121.27 mg/dL	-0.72	1.24
11	HDL	Direct method / Enzymatic colorimetric	Mindray	227	27.88	9.37	2.61	28.45 mg/dL	0.22	0.35
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1322	128.60	3.32	4.28	129.4 mmol/L	0.19	0.24
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1231	2.57	8.26	0.21	2.47 mmol/L	-0.47	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1053	97.12	4.32	4.20	94.7 mmol/L	-0.58	0.26
15	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	277	34.25	11.86	4.06	29.34 U/L	-1.21	0.49
16	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	271	28.00	14.40	4.03	28.07 U/L	0.02	0.49
17	ALP	PNP AMP kinetic	Mindray	200	114.91	16.29	18.72	90.39 U/L	-1.31	2.65
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation )	533	50.16	18.71	9.39	44.26 U/L	-0.63	0.81

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

LAB ADDRESS :  
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**Homogeneity and Stability of the sample is passed.  
Data in CMC EQAS reports is confidential  
CMC EQAS does not sub contract any components  
\*\*\*\*\* End of Report \*\*\*\*\***