



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name **CHETHANA CENTRE FOR NEUROPSYCHIATRIC REHABILITATION** Lab No **18855**  
Constituent Group **Chemistry I** Date of Result Entered : **20/09/2023**  
PT item **Lyophilized human serum based** Date of Report Published : **05/10/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1226	203.26	6.21	12.62	210 mg/dL	0.53	0.72
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	717	109.41	9.42	10.30	120 mg/dL	1.03	0.77
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	188	7.77	7.80	0.61	7.7 mg/dL	-0.12	0.09
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	939	1.99	16.73	0.33	1.6 mg/dL	-1.17	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1137	5.72	8.45	0.48	5.37 g/dL	-0.72	0.03
6	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1110	7.36	12.03	0.88	7.5 mg/dL	0.16	0.05
7	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1082	123.77	4.69	5.80	115 mg/dL	-1.51	0.35
8	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	901	28.90	13.18	3.81	24 mg/dL	-1.29	0.25
9	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1285	133.72	2.84	3.80	128 mmol/L	-1.51	0.21
10	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1286	4.72	5.34	0.25	4.7 mmol/L	-0.08	0.01
11	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1046	101.71	3.64	3.70	102.5 mmol/L	0.21	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1162	99.65	13.81	13.76	98 U/L	-0.12	0.81
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1161	55.17	12.41	6.85	60 U/L	0.71	0.40
14	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	928	155.50	10.99	17.08	170 U/L	0.85	1.12

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.

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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 \*\*\*\*\***