



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **CHETHANA CENTRE FOR NEUROPSYCHIATRIC REHABILITATION** Lab No **18855**  
Constituent Group **Chemistry I** Date of Result Entered : **22/01/2024**  
PT item **Lyophilized human serum based** Date of Report Published : **06/02/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1085	124.31	6.16	7.66	147 mg/dL	2.96	0.47
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	937	36.03	11.25	4.05	36.79 mg/dL	0.19	0.26
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	186	1.72	7.80	0.13	1.76 mg/dL	0.30	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	931	2.04	15.85	0.32	2.58 mg/dL	1.67	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1115	5.24	6.24	0.33	5.01 g/dL	-0.70	0.02
6	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1037	5.16	11.96	0.62	4.79 mg/dL	-0.60	0.04
7	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1074	111.60	6.78	7.56	100.38 mg/dL	-1.48	0.46
8	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1155	130.94	3.25	4.26	127.1 mmol/L	-0.90	0.25
9	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1188	3.20	5.97	0.19	2.94 mmol/L	-1.36	0.01
10	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	95.29	4.58	4.37	92 mmol/L	-0.75	0.28
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1048	105.39	7.40	7.80	92.85 U/L	-1.61	0.48
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1048	44.50	13.19	5.87	39.01 U/L	-0.94	0.36
13	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	883	182.76	9.88	18.06	164.19 U/L	-1.03	1.22

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.**

**Data in CMC EQAS reports is confidential**

**CMC EQAS does not sub contract any components**

**\*\*\*\*\* End of Report \*\*\*\*\***