



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2024



PC-1024

Lab Name **CHETHANA CENTRE FOR NEUROPSYCHIATRIC REHABILITATION**

Lab No **18855**

Constituent Group **Chemistry I**

Date of Result Entered : **14/03/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **06/04/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation )	1212	168.46	5.37	9.05	183.9 mg/dL	1.71	0.52
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	1028	26.16	11.14	2.91	28.4 mg/dL	0.77	0.18
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation )	227	0.95	12.28	0.12	1.3 mg/dL	2.99	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	910	0.83	19.57	0.16	0.66 mg/dL	-1.05	0.01
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1188	5.74	6.49	0.37	5.47 g/dL	-0.72	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	1165	3.51	7.61	0.27	3.61 g/dL	0.37	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1079	3.54	16.34	0.58	3.4 mg/dL	-0.24	0.04
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1195	115.97	5.49	6.36	113 mg/dL	-0.47	0.37
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1151	95.64	7.93	7.59	76.5 mg/dL	-2.52	0.45
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	944	28.07	10.95	3.07	21.8 mg/dL	-2.04	0.20
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1339	137.32	2.73	3.75	141.2 mmol/L	1.03	0.20
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1366	3.58	4.83	0.17	3.73 mmol/L	0.87	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1112	103.75	3.60	3.74	110.7 mmol/L	1.86	0.22
14	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1130	58.20	9.44	5.50	61 U/L	0.51	0.33
15	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1121	86.34	12.41	10.71	91.8 U/L	0.51	0.64

16	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	880	127.56	14.89	18.99	125 U/L	-0.13	1.28
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u\* - Method of Uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (action Signal)

LAB ADDRESS :

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*Pamela Christudoss*

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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 \*\*\*\*\*