



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

Lab Name **CHETHANA CENTRE FOR NEUROPSYCHIATRIC REHABILITATION**

Lab No **18855**

Constituent Group **Chemistry I**

Date of Result Entered : **23/02/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **05/03/2024**

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 )	1176	251.29	4.97	12.48	250 mg/dL	-0.10	0.73
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	1061	61.45	11.98	7.36	65 mg/dL	0.48	0.45
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation )	209	5.66	8.18	0.46	5.4 mg/dL	-0.56	0.06
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	1022	2.84	16.53	0.47	3 mg/dL	0.34	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1176	5.38	6.46	0.35	5.4 g/dL	0.06	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	1142	3.21	9.82	0.32	3.25 g/dL	0.13	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1129	7.69	8.54	0.66	7.5 mg/dL	-0.29	0.04
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1179	114.96	5.67	6.52	102 mg/dL	-1.99	0.38
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1106	191.25	6.15	11.77	171 mg/dL	-1.72	0.71
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	883	27.58	10.09	2.78	24 mg/dL	-1.29	0.19
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1320	127.25	3.44	4.38	122 mmol/L	-1.20	0.24
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1314	4.73	5.28	0.25	4.7 mmol/L	-0.12	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1025	97.11	3.90	3.79	94 mmol/L	-0.82	0.24
14	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1125	73.02	10.41	7.60	65 U/L	-1.06	0.45
15	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1108	94.73	14.64	13.87	94 U/L	-0.05	0.83

16	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	942	91.60	11.35	10.40	90 U/L	-0.15	0.68
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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 :

CHETHANA CENTRE FOR NEUROPSYCHIATRIC REHABILITATION  
DEPARTMENT OF LABORATORY, MALAPARAM  
CALICUT  
KERALA673009

Coordinator Contact Details:  
Email:clinqc@cmcvellore.ac.in  
Contact Number: 0416-2283102

*Pamela Christudoss*

Dr. Pamela Christudoss  
CMC EQAS Coordinator  
Christian Medical College, Vellore

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 \*\*\*\*\*