



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Lab Name **CHETHANA CENTRE FOR NEUROPSYCHIATRIC REHABILITATION** Lab No **18855**
 Constituent Group **Chemistry I** Date of Result Entered : **19/10/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **04/11/2023**

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)	1109	355.64	4.97	17.68	395 mg/dL	2.23	1.06
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	722	43.91	9.84	4.32	45 mg/dL	0.25	0.32
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	173	7.31	7.56	0.55	7.5 mg/dL	0.34	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	919	1.36	18.46	0.25	1.2 mg/dL	-0.64	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1131	5.01	6.81	0.34	5 g/dL	-0.03	0.02
6	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1133	10.41	7.44	0.77	12 mg/dL	2.05	0.05
7	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1127	102.75	6.82	7.01	105 mg/dL	0.32	0.42
8	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	862	26.27	8.55	2.24	25 mg/dL	-0.57	0.15
9	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1261	137.19	2.84	3.90	138 mmol/L	0.21	0.22
10	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1266	5.62	6.65	0.37	5.5 mmol/L	-0.32	0.02
11	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1070	102.76	4.00	4.11	107 mmol/L	1.03	0.25
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1137	100.97	12.94	13.06	105 U/L	0.31	0.77
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1099	126.37	14.18	17.92	140 U/L	0.76	1.08
14	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	902	441.61	9.04	39.93	480 U/L	0.96	2.66

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