



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 19678

LAB NAME: **GOVT MEDICAL COLLEGE & HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 19/06/2024

Date of Result Published: 27/06/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1290	303.92	5.91	17.97	277.3 mg/dL	-1.48	1
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1166	78.13	7.68	6	70.09 mg/dL	-1.34	0.35
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	320	1.73	11.07	0.19	2.3 mg/dL	2.97	0.02
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	297	2.58	14.79	0.38	1.9 mg/dL	-1.78	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1256	5.37	7.71	0.41	5.68 g/dL	0.75	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1226	3.24	8.36	0.27	3.14 g/dL	-0.37	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1205	4.11	15.24	0.63	6.02 mg/dL	3.05	0.04
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1235	114.86	5.63	6.47	118.2 mg/dL	0.52	0.37
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1212	101.55	8.87	9.01	103.5 mg/dL	0.22	0.52
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	1000	26.27	11.71	3.08	23.51 mg/dL	-0.9	0.19
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1154	77.15	10.14	7.82	81.9 U/L	0.61	0.46
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1180	205.62	16.45	33.83	176.5 U/L	-0.86	1.97
13	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	444	77.94	33	25.72	35.6 U/L	-1.65	2.44
14	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	573	74.86	20.07	15.02	77.7 U/L	0.19	1.26



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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

GOVT MEDICAL COLLEGE & HOSPITAL,
DEPT HOD OF BIOCHEMISTRY,
Bihar

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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 *****

Pamela Christudoss

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