



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - OCTOBER 2024

LAB NO: 15782
LAB NAME: **VENKATESHWARA DIAGNOSTICS**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 21/10/2024

Date of Result Published: 07/11/2024

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)	1328	187.83	6.59	12.37	183.1 mg/dL	-0.38	0.68
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1196	106.39	8.2	8.73	100 mg/dL	-0.73	0.5
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	980	2.91	9.21	0.27	2.83 mg/dL	-0.3	0.02
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	329	4.97	12	0.6	5.08 mg/dL	0.18	0.07
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1289	5.1	6.64	0.34	4.41 g/dL	-2.03	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1243	3.15	7.5	0.24	2.79 g/dL	-1.5	0.01
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	1047	9.54	8.74	0.83	8.73 mg/dL	-0.98	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1285	6.07	9.95	0.6	9.2 mg/dL	5.22	0.03
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1283	98.84	7.99	7.9	103.59 mg/dL	0.6	0.44
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1259	144.57	7.44	10.75	137.4 mg/dL	-0.67	0.61
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	1032	25.28	11.51	2.91	33.2 mg/dL	2.72	0.18
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1246	144.6	8.52	12.32	113 U/L	-2.56	0.7
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1251	176.64	13.89	24.54	153.1 U/L	-0.96	1.39
14	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	1044	180.43	13.37	24.12	127.8 U/L	-2.18	1.49



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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

VENKATESHWARA DIAGNOSTICS,
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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 *****

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Dr. Pamela Christudoss,
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