



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - SEPTEMBER 2024

LAB NO: 20544

LAB NAME: **ASSURE SPECIALITY LABORATORY**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 06/09/2024

Date of Result Published: 09/10/2024

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)	1310	102.9	7.33	7.55	129 mg/dL	3.46	0.42
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1179	56.51	7.98	4.51	60.7 mg/dL	0.93	0.26
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	968	1.64	17.58	0.29	1.88 mg/dL	0.83	0.02
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	325	3.86	12.17	0.47	3.88 mg/dL	0.04	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1272	5.42	7.53	0.41	6.3 g/dL	2.15	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1233	3.29	6.03	0.2	3.8 g/dL	2.55	0.01
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1278	5.01	14.86	0.74	5.8 mg/dL	1.07	0.04
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1277	114.54	6.88	7.88	130 mg/dL	1.96	0.44
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1250	115.75	9.55	11.06	131.72 mg/dL	1.44	0.63
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	1022	24.52	12.35	3.03	25.7 mg/dL	0.39	0.19
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1229	34.31	13.74	4.71	25.1 U/L	-1.96	0.27
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1232	41.13	16.34	6.72	29.4 U/L	-1.75	0.38
13	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	470	154.94	21.72	33.65	83.1 U/L	-2.13	3.1



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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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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,
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