



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 20431

LAB NAME: **DIAGNOSTICS**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 19/08/2024

Date of Result Published: 02/09/2024

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	Transasia / Erba	1171	178.67	6.29	11.24	172.1 mg/dL	-0.58	0.66
2	UREA	Urease UV / GLDH	Transasia / Erba	1135	97.28	7.43	7.23	98.1 mg/dL	0.11	0.43
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	587	4.15	5.55	0.23	4.17 mg/dL	0.09	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	1144	3.96	9.72	0.38	3.63 mg/dL	-0.87	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1162	5.34	7.46	0.4	5.37 g/dL	0.08	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1141	3.24	5.31	0.17	3.36 g/dL	0.71	0.01
7	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1135	5.76	7.92	0.46	5.8 mg/dL	0.09	0.03
8	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1170	96.03	8.9	8.54	93.3 mg/dL	-0.32	0.5
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1133	147.88	8.22	12.15	148.1 mg/dL	0.02	0.72
10	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	921	24.41	11.83	2.89	26 mg/dL	0.55	0.19
11	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1105	53.86	11.27	6.07	52.4 U/L	-0.24	0.37
12	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1114	98.02	21.48	21.06	99.4 U/L	0.07	1.26
13	ALP	PNP AMP kinetic	Transasia / Erba	1072	97.8	16.39	16.03	100.3 U/L	0.16	0.98



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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

DIAGNOSTICS,
190B, RASHBEHARI AVENUE, KOLKATA,
West Bengal

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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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