



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - MAY 2024

LAB NO: 20431

LAB NAME: **DIAGNOSTICS**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 18/05/2024

Date of Result Published: 30/05/2024

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	1236	172.76	5.94	10.27	191.7 mg/dl	1.84	0.44
2	UREA	Urease UV / GLDH	Transasia / Erba	1115	92.31	7.71	7.12	83.4 mg/dl	-1.25	0.46
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	852	3.74	9.87	0.37	3.87 mg/dL	0.35	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	774	3.87	11.24	0.44	3.76 mg/dL	-0.25	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1155	5.23	6.56	0.34	5.46 g/dL	0.67	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1174	3.11	9.07	0.28	3.23 g/dL	0.42	0.01
7	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	975	5.91	9.9	0.58	5.32 mg/dL	-1.01	0.07
8	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1229	102.69	7.38	7.58	110.4 mg/dL	1.01	0.53
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1164	168.51	6.16	10.37	178.3 mg/dL	0.94	0.65
10	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	887	23.44	10.01	2.35	25.6 mg/dL	0.91	0.18
11	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1115	55.28	9.9	5.47	53.43 U/L	-0.33	0.74
12	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1010	103.7	11.18	11.6	109.5 U/L	0.50	0.65
13	ALP	PNP AMP kinetic	Transasia / Erba	925	100.48	9.83	9.88	104.8 U/L	0.43	1.72



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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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