



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - FEBRUARY 2024

LAB NO: 20431
LAB NAME: **DIAGNOSTICS**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 18/02/2024

Date of Result Published: 05/03/2024

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	1176	251.29	4.97	12.48	246.7 mg/dL	-0.36	0.45
2	UREA	Urease UV / GLDH	Transasia / Erba	1061	61.25	11.98	7.36	60.67 mg/dL	-0.07	0.4
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	882	5.26	7.26	0.38	5.57 mg/dL	0.81	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	1022	2.84	16.53	0.47	2.64 mg/dL	-0.42	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1176	5.38	6.46	0.35	5.75 g/dL	1.05	0.04
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1142	3.21	9.82	0.31	3.43 g/dL	0.70	0.03
7	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	990	7.69	8.54	0.66	7.89 mg/dL	0.30	0.06
8	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1129	114.96	5.67	6.52	109.5 mg/dL	-0.83	0.55
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1179	191.25	6.15	11.77	186.78 mg/dL	-0.37	0.61
10	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	883	27.58	10.09	2.78	26.86 mg/dL	-0.25	0.16
11	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1125	73.02	10.41	7.6	73.26 U/L	0.03	0.71
12	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1108	94.73	14.64	13.87	90.47 U/L	-0.30	0.64
13	ALP	PNP AMP kinetic	Transasia / Erba	942	91.6	11.35	10.4	90.8 U/L	-0.07	1.75



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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

Coordinator Contact Details:

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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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Christian Medical College, Vellore.