



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 20431

LAB NAME: **DIAGNOSTICS**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 13/06/2024

Date of Result Published: 27/06/2024

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	1290	303.92	5.91	17.97	310.2 mg/dl	0.34	0.44
2	UREA	Urease UV / GLDH	Transasia / Erba	1166	78.13	7.68	6	88.4 mg/dl	1.71	0.46
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	957	1.75	10.48	0.18	1.90 mg/dL	0.83	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	1161	2.46	18.18	0.45	2.78 mg/dL	0.71	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1256	5.27	7.71	0.41	5.45 g/dL	0.43	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1226	3.24	8.36	0.27	3.54 g/dL	1.11	0.01
7	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1205	4.11	15.24	0.63	4.35 mg/dL	0.38	0.07
8	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1235	114.86	5.63	6.41	120.9 mg/dL	0.94	0.53
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1212	101.55	8.87	9.01	110.56 mg/dL	1	0.65
10	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	1000	26.27	11.71	3.08	23.45 mg/dL	-0.91	0.18
11	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1154	77.15	10.14	7.82	71.45 U/L	-0.72	0.74
12	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1180	205.62	16.45	33.83	200.7 U/L	-0.14	0.65
13	ALP	PNP AMP kinetic	Transasia / Erba	990	50.25	13.95	7.01	54.54 U/L	0.61	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

Coordinator Contact Details:

E-Mail: clinqc@cmcvellore.ac.in
Contact No.: 0416-2283102

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,
CMC EQAS Coordinator,
Christian Medical College, Vellore.