



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JULY 2024

LAB NO: 20276

LAB NAME: THE DIAGNOSTIC CITY CENTRE

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 19/07/2024

Date of Result Published: 08/08/2024

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	1145	130.73	5.95	7.78	133.7 mg/dL	0.38	0.46
2	UREA	Urease UV / GLDH	Transasia / Erba	1105	48.2	8.15	3.93	52.9 mg/dL	1.2	0.24
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	585	2.55	5.85	0.15	2.64 mg/dL	0.6	0.01
4	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1139	5.48	6.96	0.38	4.79 g/dL	-1.82	0.02
5	ALBUMIN	BCG - colorimetric	Transasia / Erba	1113	3.3	5.34	0.18	3.08 g/dL	-1.22	0.01
6	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1113	8.89	8.15	0.72	9 mg/dL	0.15	0.04
7	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1142	101.05	8.95	9.05	99 mg/dL	-0.23	0.54
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1111	104.6	9.84	10.29	102.7 mg/dL	-0.18	0.62
9	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	902	25.22	10.97	2.77	25.2 mg/dL	-0.01	0.18
10	SODIUM	ISE - Direct	Transasia / Erba	266	133.04	3.14	4.17	134 mmol/L	0.23	0.51
11	POTASSIUM	ISE - Direct	Transasia / Erba	267	3.82	4.63	0.18	3.86 mmol/L	0.22	0.02
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1078	108.43	10.53	11.41	113.8 U/L	0.47	0.7
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1086	49.65	20.83	10.34	35.9 U/L	-1.33	0.63
14	ALP	PNP AMP kinetic	Transasia / Erba	1045	160.62	17.84	28.65	187 U/L	0.92	1.77
15	AMYLASE	CNPG3	Transasia / Erba	544	34.21	17.59	6.02	30 U/L	-0.7	0.52



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						CV	SDPA			

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

THE DIAGNOSTIC CITY CENTRE,
COMMERCIAL COMPLEX, ,
Durgapur,
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.



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						CV	SDPA			
1	D.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	516	0.56	36.51	0.2	0.59 mg/dL	0.15	0.02
2	LDL	Direct method / Enzymatic colorimetric	Transasia / Erba	167	61.04	14.13	8.62	65.9 mg/dL	0.56	1.33

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
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