



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JANUARY 2024

LAB NO: 19527

LAB NAME: **SHRI DHANWANTRY AYURVEDIC COLLEGE & HOSP**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 12/01/2024

Date of Result Published: 06/02/2024

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	Hexokinase	Beckman AU480/680/5800/DXC70 0AU	142	123.19	4.67	5.76	122 mg/dL	-0.21	0.97
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC70 0AU	161	36.78	4.27	1.57	40.2 mg/dL	2.18	0.25
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC70 0AU	115	1.73	7.91	0.14	1.7 mg/dL	-0.22	0.03
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	225	2.21	14.32	0.32	2.47 mg/dL	0.82	0.04
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC70 0AU	164	4.79	3.53	0.17	4.7 g/dL	-0.53	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC70 0AU	163	3.08	4.22	0.13	3.03 g/dL	-0.38	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Complexone)	Any Analyser (Automation / Semi Automation)	184	9.02	9.31	0.84	8.83 mg/dL	-0.23	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC70 0AU	128	5.86	5.13	0.3	6.03 mg/dL	0.56	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC70 0AU	161	4.6	3.72	0.17	4.52 mg/dL	-0.47	0.03
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC70 0AU	162	107.68	4.72	5.08	102 mg/dL	-1.12	0.8
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC70 0AU	160	143.47	5.15	7.39	147 mg/dL	0.48	1.17
12	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	157	113.27	5.84	6.62	110.5 U/L	-0.42	1.06
13	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	156	43.63	9.47	4.13	44.4 U/L	0.19	0.66
14	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC70 0AU	154	202.3	8.99	18.19	209 U/L	0.37	2.93



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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

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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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