



# 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: 19527

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

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 08/02/2024

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	Hexokinase	Beckman AU480/680/5800/DXC70 0AU	147	251.61	4.22	10.62	252 mg/dL	0.04	1.75
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC70 0AU	176	64.08	5.03	3.22	65.9 mg/dL	0.56	0.49
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC70 0AU	117	5.63	5.64	0.32	5.99 mg/dL	1.13	0.06
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	255	3.02	11.86	0.36	3.4 mg/dL	1.06	0.04
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC70 0AU	169	5	3.32	0.17	5.2 g/dL	1.2	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC70 0AU	173	3.16	3.49	0.11	3.2 g/dL	0.36	0.02
7	CALCIUM	OCPC ( O - Cresolphthalein Complexone )	Any Analyser (Automation / Semi Automation )	219	10.39	9.33	0.97	10.92 mg/dL	0.55	0.13
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC70 0AU	130	3.25	6.61	0.22	3.36 mg/dL	0.51	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC70 0AU	168	7.21	4.23	0.31	7.43 mg/dL	0.72	0.05
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC70 0AU	173	112.23	4.96	5.56	113 mg/dL	0.14	0.85
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC70 0AU	171	187.8	6.49	12.18	194 mg/dL	0.51	1.86
12	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	167	76.08	5.76	4.39	75.4 U/L	-0.16	0.68
13	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	165	96.88	6.56	6.35	101.6 U/L	0.74	0.99
14	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC70 0AU	163	90.94	9.63	8.75	81 U/L	-1.14	1.37



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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

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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,  
CMC EQAS Coordinator,  
Christian Medical College, Vellore.