



# 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: 19527

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

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 12/06/2024

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	Hexokinase	Beckman AU480/680/5800/DXC70 0AU	164	304.41	4.39	13.38	310 mg/dL	0.42	2.09
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC70 0AU	198	78.9	5.37	4.23	78.9 mg/dL	0	0.6
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC70 0AU	133	1.78	7.8	0.14	1.76 mg/dL	-0.14	0.02
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	297	2.58	14.79	0.38	3 mg/dL	1.1	0.04
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC70 0AU	186	5.04	3.93	0.2	4.52 g/dL	-2.63	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC70 0AU	190	3.12	4.62	0.14	3.19 g/dL	0.49	0.02
7	CALCIUM	OCPC ( O - Cresolphthalein Complexone )	Any Analyser (Automation / Semi Automation )	240	9.82	8.36	0.82	9.91 mg/dL	0.11	0.11
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC70 0AU	145	5.25	5.34	0.28	5.17 mg/dL	-0.29	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC70 0AU	183	3.49	4.3	0.15	3.22 mg/dL	-1.8	0.02
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC70 0AU	187	113.21	5.42	6.14	108 mg/dL	-0.85	0.9
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC70 0AU	186	100.97	6.24	6.3	105 mg/dL	0.64	0.92
12	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	179	82.76	8.71	7.2	80.4 U/L	-0.33	1.08
13	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	174	214.86	14.13	30.36	221.5 U/L	0.22	4.6
14	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC70 0AU	177	48.06	11.97	5.75	39 U/L	-1.58	0.86



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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.