



**CHRISTIAN MEDICAL COLLEGE**  
VELLORE, TAMIL NADU - 632004, INDIA  
**DEPARTMENT OF CLINICAL BIOCHEMISTRY**  
CMC EXTERNAL QUALITY ASSURANCE SCHEME



**MONTHLY SUMMARY REPORT - SEPTEMBER 2024**

LAB NO: 8055

LAB NAME: **CYGNUS SUPERSPECIALITY HOSPITAL**

CONSTITUENT GROUP

**Chemistry II**

PT Item: Lyophilized human serum based

Date of Result Entered: 16/09/2024

Date of Result Published: 01/10/2024

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	UREA II	Urease UV / GLDH II	Transasia / Erba	1041	64.34	11.57	7.44	61.1 mg/dL	-0.44	0.46
2	CREATININE II	Jaffes Kinetic-Alkaline Picrate II	Transasia / Erba	754	4.53	12.5	0.57	4.3 mg/dL	-0.4	0.04
3	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Transasia / Erba	1164	4.25	12.78	0.54	3.98 mg/dL	-0.5	0.03
4	T-PROTEIN II	Biuret - Colorimetric II	Transasia / Erba	1013	5.67	9.28	0.53	6.12 g/dL	0.85	0.03
5	ALBUMIN II	BCG - Colorimetric II	Transasia / Erba	1010	3.4	7.95	0.27	3.47 g/dL	0.26	0.02
6	URIC ACID II	Enzymatic / Uricase Colorimetric II	Transasia / Erba	1147	7.72	12.41	0.96	7.3 mg/dL	-0.44	0.06
7	CHOLESTROL II	CHOD-PAP II	Transasia / Erba	1209	110.29	13.9	15.33	149.3 mg/dL	2.54	0.88
8	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Transasia / Erba	1124	148.47	15.23	22.61	126.1 mg/dL	-0.99	1.35

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (Action Signal)

u\* - method of uncertainty

**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*

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