



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

### CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - SEPTEMBER 2024

LAB NO: 13543

LAB NAME: **T.B HOSPITAL**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 18/09/2024

Date of Result Published: 01/10/2024

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	Any Analyser (Automation / Semi Automation )	1310	102.9	7.33	7.55	79 mg/dL	-3.17	0.42
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	1179	56.51	7.98	4.51	51 mg/dL	-1.22	0.26
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation )	968	1.64	17.58	0.29	1.83 mg/dL	0.66	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	1159	3.71	13.39	0.5	2.71 mg/dL	-2	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1272	5.42	7.53	0.41	5.2 g/dL	-0.54	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	1233	3.29	6.03	0.2	3.21 g/dL	-0.4	0.01
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	1046	9.28	6.18	0.57	9.22 mg/dL	-0.11	0.04
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1278	5.01	14.86	0.74	6.1 mg/dL	1.47	0.04
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1277	114.54	6.88	7.88	110 mg/dL	-0.58	0.44
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1250	115.75	9.55	11.06	121 mg/dL	0.47	0.63
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1516	134.37	3.07	4.12	133.1 mmol/L	-0.31	0.21
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1520	3.39	5.52	0.19	3.38 mmol/L	-0.05	0.01
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1229	34.31	13.74	4.71	32 U/L	-0.49	0.27
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1232	41.13	16.34	6.72	30 U/L	-1.66	0.38



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - SEPTEMBER 2024

LAB NO: 13543

LAB NAME: **T.B HOSPITAL**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 18/09/2024

Date of Result Published: 01/10/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation )	470	154.94	21.72	33.65	140.3 U/L	-0.44	3.1

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

T.B HOSPITAL,  
PATHOLOGY LAB, ,  
Uttar Pradesh

#### Coordinator Contact Details:

E-Mail: [clinqc@cmcvellore.ac.in](mailto: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.