



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - JANUARY 2025

LAB NO: 14855

LAB NAME: TRUSTLAB DIAGNOSTICS PVT LTD

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 18/01/2025

Date of Result Published: 10/02/2025

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	152	131.74	3.94	5.19	129 mg/dL	1.12	0.84
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC70 0AU	185	37.26	6.16	2.29	32.3 mg/dL	-2.17	0.34
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC70 0AU	116	1.66	6.59	0.11	1.49 mg/dL	-1.55	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC70 0AU	133	2.93	4.98	0.15	3 mg/dL	0.47	0.03
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC70 0AU	179	5.14	4	0.21	5.1 g/dL	-0.19	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC70 0AU	179	3.27	3.82	0.12	3.5 g/dL	1.92	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC70 0AU	179	9.44	3.27	0.31	9.8 mg/dL	1.16	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC70 0AU	139	4	5.19	0.21	4 mg/dL	0	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC70 0AU	175	3.91	3.82	0.15	3.8 mg/dL	-0.73	0.02
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC70 0AU	176	116	5.11	5.92	114 mg/dL	-0.34	0.89
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC70 0AU	177	109.63	7.27	7.97	109 mg/dL	-0.08	1.2
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC70 0AU	163	24	6.74	1.62	24 mg/dL	0	0.25
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1409	131.46	3.21	4.22	128.4 mmol/L	-0.73	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1408	4.05	4.99	0.2	4.05 mmol/L	0	0.01



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004, INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

## MONTHLY SUMMARY REPORT - JANUARY 2025

LAB NO: 14855

LAB NAME: TRUSTLAB DIAGNOSTICS PVT LTD

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 18/01/2025

Date of Result Published: 10/02/2025

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	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1125	98	4.39	4.3	96.3 mmol/L	-0.4	0.26
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	171	105	5.58	5.86	100 U/L	-0.85	0.9
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	171	103.07	7.97	8.21	99 U/L	-0.5	1.26
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC70 0AU	172	70.02	10.55	7.39	73 U/L	0.4	1.13
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Beckman AU480/680/5800/DXC70 0AU	39	74	14.03	10.38	73.4 U/L	-0.06	3.32
20	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC70 0AU	79	103.06	6.85	7.06	105 ug/dL	0.27	1.59
21	UIBC	Nitroso-PSAP	Beckman AU480/680/5800/DXC70 0AU	52	160	8.06	12.9	182 ug/dL	1.71	3.58

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

TRUSTLAB DIAGNOSTICS PVT LTD,  
STREET NO.5, PRAKASH NAGAR, BEGUMPET,  
TELANGANA

### 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 report 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.