



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - APRIL 2025

LAB NO: 14855

LAB NAME: TRUSTLAB DIAGNOSTICS PVT LTD

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 15/04/2025

Date of Result Published: 05/05/2025

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	188	304.3	4.17	12.69	300 mg/dL	-0.34	1.85
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC70 0AU	222	101	5.87	5.93	92 mg/dL	-1.52	0.8
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC70 0AU	142	4.82	7.33	0.35	4.58 mg/dL	1.39	0.06
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC70 0AU	159	5.05	5.47	0.28	5 mg/dL	1.21	0.04
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC70 0AU	215	4.87	4.57	0.22	4.8 g/dL	-0.32	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC70 0AU	216	3.03	4.39	0.13	3 g/dL	-0.23	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC70 0AU	209	10.5	4.24	0.44	10.6 mg/dL	0.23	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC70 0AU	167	3.5	5.51	0.19	3.4 mg/dL	-0.53	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC70 0AU	211	5.15	4.46	0.23	5.1 mg/dL	-0.22	0.03
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC70 0AU	212	104	5.7	5.93	99 mg/dL	-0.84	0.81
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC70 0AU	209	124	6.32	7.84	119.03 mg/dL	-0.63	1.08
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC70 0AU	195	24	6.18	1.48	20 mg/dL	-2.7	0.21
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1749	134.54	3.08	4.15	139 mmol/L	1.07	0.2
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1752	3.43	6.02	0.21	3.37 mmol/L	-0.29	0.01



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15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1410	100	4.3	4.3	100.7 mmol/L	0.16	0.23
16	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	203	60.67	7	4.25	59 U/L	-0.39	0.6
17	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	205	100	8.01	8.01	105 U/L	0.62	1.12
18	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC70 0AU	204	113	9.51	10.74	102 U/L	-1.02	1.5
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Beckman AU480/680/5800/DXC70 0AU	47	89	11.66	10.38	73.3 U/L	-1.51	3.03
20	IRON	TPTZ (Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC70 0AU	103	87	7.16	6.23	89 ug/dL	0.32	1.23
21	UIBC	Nitroso-PSAP	Beckman AU480/680/5800/DXC70 0AU	69	156.6	8.84	13.84	153 ug/dL	-0.26	3.33

u\* - measurement of uncertainty

Z-Score	Interpretation
z  ≤ 2.0	Acceptable
2.0 <  z  < 3.0	Warning Signal
z  ≥ 3.0	Unacceptable (Action Signal)

**Kindly note:** for appeals regarding result analysis and evaluation process, please contact via phone/email as given below within one week of receiving the report.

**Enquiries:** for all communications, please use CMC-EQAS user ID.

#### Coordinator Contact Details:

E-Mail: clinqc@cmcvellore.ac.in  
Contact No.: 0416-2283102

#### LAB ADDRESS

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

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.