



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - JANUARY 2023



Lab Name **TELANGANA DIAGNOSTIC HUB**

Lab No **14985**

Constituent Group **Chemistry I**

Date of Result Entered : **19/01/2023**

PT item **Lyophilized Serum**

Date of Report Published : **09/02/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Siemens ( Advia Series / Dimension Series )	95	173.19	4.17	7.22	167 mg/dL	-0.86	1.48
2	UREA	Urease UV / GLDH	Siemens ( Advia Series / Dimension Series )	115	30.23	6.46	1.95	30 mg/dL	-0.12	0.36
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation )	138	1.39	10.91	0.15	1.22 mg/dL	-1.12	0.03
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	205	3.20	12.17	0.39	3.6 mg/dL	1.03	0.05
5	T-PROTEIN	Biuret - Colorimetric	Siemens ( Advia Series / Dimension Series )	117	5.12	3.25	0.17	4.6 g/dL	-3.13	0.03
6	ALBUMIN	BCG - colorimetric	Siemens ( Advia Series / Dimension Series )	45	3.12	4.71	0.15	3.1 g/dL	-0.14	0.04
7	CALCIUM	OCPC ( O - Cresolphthalein Compleazone )	Siemens ( Advia Series / Dimension Series )	78	8.81	5.10	0.45	8.1 mg/dL	-1.58	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens ( Advia Series / Dimension Series )	108	4.38	3.74	0.16	4.2 mg/dL	-1.10	0.03
9	CHOLESTEROL	CHOD-PAP	Siemens ( Advia Series / Dimension Series )	116	91.53	5.47	5.01	105 mg/dL	2.69	0.93
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens ( Advia Series / Dimension Series )	112	107.45	5.24	5.63	122 mg/dL	2.58	1.06
11	HDL	Direct method / Enzymatic colorimetric	Siemens ( Advia Series / Dimension Series )	103	27.62	6.15	1.70	25.6 mg/dL	-1.19	0.33
12	AST	UV kinetic(with & without PLP (P-5-P))	Siemens ( Advia Series / Dimension Series )	108	63.12	7.50	4.74	61 U/L	-0.45	0.91
13	ALT	UV kinetic(with & without PLP (P-5-P))	Siemens ( Advia Series / Dimension Series )	109	70.14	9.46	6.64	68 U/L	-0.32	1.27
14	ALP	PNP AMP kinetic	Siemens ( Advia Series / Dimension Series )	99	98.50	4.54	4.47	87 U/L	-2.57	0.90
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Siemens ( Advia Series / Dimension Series )	9	44.09	7.10	3.13	52 U/L	2.53	2.09

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

**LAB ADDRESS :**  
**TELANGANA DIAGNOSTIC HUB**  
**GGH HOSPITAL,**  
**NALGONDA**  
**TELANGANA508001**

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*Pamela Christudoss*

**Dr. Pamela Christudoss**  
**CMC EQAS Coordinator**  
**Christian Medical College, Vellore**

**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 \*\*\*\*\***