



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2022



PC-1024

Lab Name **TELANGANA DIAGNOSTIC HUB** Lab No **14956**  
 Constituent Group **Chemistry I** Date of Result Entered : **19/09/2022**  
 PT item **Lyophilized Serum** Date of Report Published : **05/10/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	167	180.37	5.20	9.37	166 mg/dL	-1.53	1.45
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	661	98.36	8.92	8.77	112.07 mg/dL	1.56	0.68
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	123	3.20	7.44	0.24	3.08 mg/dL	-0.50	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation)	646	3.10	13.04	0.40	3.4 mg/dL	0.74	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	805	5.20	9.33	0.48	4.6 g/dL	-1.24	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	782	3.16	7.60	0.24	3.1 g/dL	-0.25	0.02
7	CALCIUM	OCPC ( O - Cresolphthalein Compleazone )	Any Analyser (Automation / Semi Automation)	242	10.02	8.98	0.90	9.4 mg/dL	-0.69	0.12
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	739	6.76	11.49	0.78	5.6 mg/dL	-1.49	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	762	104.59	9.22	9.64	110 mg/dL	0.56	0.70
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	735	177.25	9.98	17.68	187 mg/dL	0.55	1.30
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	520	26.66	17.09	4.56	22.1 mg/dL	-1.00	0.40
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	705	63.66	10.94	6.97	62 U/L	-0.24	0.52
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	672	87.96	15.64	13.76	106 U/L	1.31	1.06
14	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	473	68.16	16.15	11.01	58 U/L	-0.92	1.01
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	225	42.86	18.74	8.03	53 U/L	1.26	1.07

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

LAB ADDRESS :

TELANGANA DIAGNOSTIC HUB  
 DISTRICT HOSPITAL, ZP CIRCLE, WYRA ROAD

**KHAMMAM**  
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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 \*\*\*\*\***