



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - DECEMBER 2022



PC-1024

Lab Name: TELANGANA DIAGNOSTIC HUB  
Constituent Group: Chemistry I  
PT Item: Lyophilized human serum based

Lab No: 14983  
Date of Result Entered: 20/12/2022  
Date of Report Published: 05/01/2023

SLNo	Analyte	Method / Principle Name	Analyzer Name	No. of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD Others ( Urease Borthelot / Ned Dye )	Any Analyser (Automation / Semi Automation )	778	177.34	6.73	11.94	167 mg/dL	-0.87	0.86
2	UREA	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation )	189	97.81	9.56	9.35	107.1 mg/dL	0.99	1.36
3	CREATININE	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	553	3.12	9.95	0.31	3.33 mg/dL	0.68	0.03
4	TBILIRUBIN	Bluret - Colorimetric	Any Analyser (Automation / Semi Automation )	222	3.04	11.11	0.34	3.4 mg/dL	1.07	0.05
5	T-PROTEIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	768	5.14	9.06	0.47	4.1 g/dL	-2.23	0.03
6	ALBUMIN	OCPC ( O - Cresolphthalein Complexone )	Any Analyser (Automation / Semi Automation )	728	3.14	7.62	0.24	2.6 g/dL	-2.26	0.02
7	CALCIUM	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	215	10.08	7.73	0.78	9.1 mg/dL	-1.26	0.11
8	URIC ACID	CHOD-PAP	Any Analyser (Automation / Semi Automation )	760	6.82	11.41	0.78	6.3 mg/dL	-0.67	0.06
9	CHOLESTEROL	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	766	104.48	8.52	8.90	103 mg/dL	-0.17	0.64
10	TRIGLYCERIDE	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	747	175.51	9.45	16.59	189 mg/dL	0.81	1.21
11	HDL	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	530	26.84	16.01	4.30	20.9 mg/dL	-1.38	0.37
12	AST	PNP AMP Kinetic	Any Analyser (Automation / Semi Automation )	670	63.44	11.44	7.26	65 U/L	0.21	0.56
13	ALT	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation )	668	87.37	15.13	13.22	100 U/L	0.96	1.02
14	ALP		Any Analyser (Automation / Semi Automation )	556	71.44	19.60	14.00	52 U/L	-1.39	1.19
15	AMYLASE		Any Analyser (Automation / Semi Automation )	209	43.65	19.16	8.36	51 U/L	0.88	1.16

## SDI Range

Within -1.00 to +1.00

Excellent.

Within  $\pm 1.01$  to  $\pm 2.00$ 

Good.

## Interpretation

3/21/23, 1:16 PM

External Quality Assurance Scheme - Preva Monthly Summary



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Lab Name	TELANGANA DIAGNOSTIC HUB	Lab No	14983
Constituent Group	HbA1c	Date of Result Entered :	20/12/2022
PT Item	Lyophilized human whole blood based	Date of Report Published :	05/01/2023

Sl.No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants		Total Value	SDX	U
						CV	SD			
1	HbA1c	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	227	6.21	10.43	0.65	6.29 %	0.12	0.09

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  
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 TELANGANA504001

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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 \*\*\*\*\*