



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2023



PC-1024

Lab Name **TELANGANA DIAGNOSTIC HUB**

Lab No **14919**

Constituent Group **Chemistry I**

Date of Result Entered : **20/02/2023**

PT Item **Lyophilized human serum based**

Date of Report Published : **08/03/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	182	120.06	5.58	6.70	119 mg/dL	-0.16	0.99
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	648	129.71	8.40	10.90	136.96 mg/dL	0.67	0.86
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	795	4.76	9.89	0.47	5.43 mg/dL	1.42	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	821	1.58	18.29	0.29	1.9 mg/dL	1.11	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1100	4.63	9.80	0.45	4.5 g/dL	-0.29	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.91	8.69	0.25	2.9 g/dL	-0.04	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	896	10.41	6.97	0.72	10.6 mg/dL	0.26	0.05
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1011	6.92	10.14	0.70	7.3 mg/dL	0.54	0.04
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1046	98.66	7.43	7.33	99 mg/dL	0.05	0.45
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	988	87.48	8.82	7.72	92 mg/dL	0.59	0.49
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	714	28.16	19.26	5.42	27 mg/dL	-0.21	0.41
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1147	120.46	4.12	4.96	123.7 mmol/L	0.65	0.29
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1129	5.00	5.46	0.27	5.46 mmol/L	1.68	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	921	92.85	4.47	4.15	100.2 mmol/L	1.77	0.27
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1021	190.14	15.11	28.72	188 U/L	-0.07	1.80
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1025	49.30	15.70	7.74	47 U/L	-0.30	0.48
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	733	178.51	26.55	47.40	190 U/L	0.24	3.50
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	449	79.72	17.30	13.80	88 U/L	0.60	1.30

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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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 *****



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PC-1024

Lab Name **TELANGANA DIAGNOSTIC HUB** Lab No **14919**
Constituent Group **HbA1c** Date of Result Entered : **20/02/2023**
PT Item **Lyophilized human whole blood based** Date of Report Published : **08/03/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Enzymatic	Abbott	15	5.44	3.27	0.18	5.2 %	-1.35	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.

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