CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2022

PC-1324

Lab Name	TELANGANA DIAGNOSTIC HUB	Lab No	14983
Constituent Group	Chemistry I	Date of Result Entered :	17/11/2022
PT Item	Lyophilized human serum based	Date of Report Published :	06/12/2022

SlNo	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	763	313.45	7.18	22.50	296 mg/dL	-0.78	1.63
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	199	57.16	9.19	5.25	61.91 mg/dL	0.90	0.74
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	535	3.94	10.35	0.41	4.16 mg/dL	0.54	0.04
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	219	1.75	14.52	0.25	1.9 mg/dL	0.59	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	741	5.69	7.80	0.44	5.3 g/dL	-0.88	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	743	3.43	8.07	0.28	3.4 g/dL	-0.11	0.02
7	CALCIUM	OCPC (O - Cresolpthalein Complexzone)	Any Analyser (Automation / Semi Automation)	220	10.25	7.85	0.80	10.2 mg/dL	-0.06	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	767	9.00	10.83	0.97	9 mg/dL	0.00	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	749	116.64	7.85	9.16	119 mg/dL	0.26	0.67
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	742	220.65	8.78	19.38	232 mg/dL	0.59	1.42
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	521	28.19	15.91	4.49	28.3 mg/dL	0.02	0.39
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	667	155.52	11.05	17.18	188 U/L	1.89	1.33
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	671	48.21	17.48	8.43	61 U/L	1.52	0.65
14	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	503	139.79	15.45	21.59	129 U/L	-0.50	1.93
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	231	89.03	21.97	19.56	129 U/L	2.04	2.57
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 :