



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



Lab Name: TELANGANA DIAGNOSTIC HUB

Lab No:

14983

Constituent Group: Chemistry I

Date of Result Entered:

20/12/2022

PT Item: Lyophilized human serum based

Date of Report Published:

05/01/2023

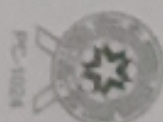
Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	CV	SD	Your Value	SDI	U												
1	GLUCOSE	GOD-POD Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	778	177.34	6.73	11.94	167 mg/dL	-0.87	0.86												
2	UREA	Jaffes Kinetic - Alkaline picrate	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	T.BILIRUBIN	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 Complexazone)	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	PMP 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 / GTPNP 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												
<table border="1"> <thead> <tr> <th colspan="2">SDI Range</th> <th colspan="2">Interpretation</th> </tr> </thead> <tbody> <tr> <td>Within -1.00 to +1.00</td> <td></td> <td>Excellent.</td> <td></td> </tr> <tr> <td>Within ±1.01 to ±2.00</td> <td></td> <td>Good.</td> <td></td> </tr> </tbody> </table>											SDI Range		Interpretation		Within -1.00 to +1.00		Excellent.		Within ±1.01 to ±2.00		Good.	
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External Quality Assurance Scheme - Pre-Test Monthly Summary



Lab Name: TELANGANA DIAGNOSTIC HUB
 Constituent Group: HbA1c
 PT Item: Lyophilized human whole blood based

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

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	CV	Participants	CV	CV	CV	CV	CV
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	227	6.21	10.43	0.65	6.29 %	9.12	6.89	
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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[Signature]
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[Signature]
 Dr. Pamela Christodoss
 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 *****