



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name Likhitha's Diagnostics and Speciality Lab Lab No 15647  
Constituent Group Chemistry I Date of Result Entered : 14/10/2022  
PT item Lyophilized Serum Date of Report Published : 03/11/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	162	111.52	5.59	6.23	116.52 mg/dL	0.80	0.98
2	UREA	Urease UV / GLDH	Agape	181	127.43	7.14	9.10	123.6 mg/dL	-0.42	1.35
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	105	7.02	9.22	0.65	6.96 mg/dL	-0.09	0.13
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Agape	167	5.70	9.89	0.56	5.73 mg/dL	0.05	0.09
5	T-PROTEIN	Biuret - Colorimetric	Agape	186	5.52	6.36	0.35	5.84 g/dL	0.91	0.05
6	ALBUMIN	BCG - colorimetric	Agape	184	3.55	6.00	0.21	3.59 g/dL	0.19	0.03
7	CALCIUM	Arsenazo III	Mindray	192	10.84	7.15	0.78	11.33 mg/dL	0.63	0.11
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	404	6.82	11.97	0.82	8.2 mg/dL	1.69	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	195	6.08	9.85	0.60	6.59 mg/dL	0.85	0.09
10	CHOLESTEROL	CHOD-PAP	Agape	196	107.16	7.55	8.09	111.67 mg/dL	0.56	1.16
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	185	130.35	7.17	9.34	129 mg/dL	-0.14	1.37
12	HDL	Direct method / Enzymatic colorimetric	Agape	152	26.36	8.76	2.31	23.56 mg/dL	-1.21	0.37
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1055	130.41	3.40	4.43	137 mmol/L	1.49	0.27
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1086	4.31	5.25	0.23	4.56 mmol/L	1.11	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	904	97.99	4.49	4.40	99.2 mmol/L	0.28	0.29
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	176	35.53	13.07	4.64	35.5 U/L	-0.01	0.70
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	152	303.43	16.06	48.73	304.99 U/L	0.03	7.91
18	ALP	PNP AMP kinetic	Agape	92	230.45	17.38	40.06	215.31 U/L	-0.38	8.35
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	179	99.95	14.51	14.50	88.38 U/L	-0.80	2.17
20	IRON	Ferro Zine ( No Protein Removal )	Any Analyser (Automation / Semi Automation)	73	185.36	12.07	22.37	360.1 ug/dL	7.81	5.24
21	MAGNESIUM	Xylydyl Blue	Agape	28	3.12	14.24	0.44	3.58 mg/dL	1.04	0.17

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.

Reviewed  
Santosh Kumar  
05/11/22



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name	Likhitha's Diagnostics and Speciality Lab	Lab No	15647
Constituent Group	HbA1c	Date of Result Entered :	12/10/2022
PT item	Lyophilized Whole blood	Date of Report Published :	03/11/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Biorad ( D10 / D100 / Variant Turbo )	651	6.51	2.73	0.18	6.7 %	1.07	0.01

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

#### LAB ADDRESS :

Likhitha's Diagnostics and Speciality Lab

A UNIT OF PRAGNASHREE HEALTH CARE (P) LTD, DR.A.V.NAIDU, HNO/10, FIRST FLOOR, STELLAR ENCLAVE, ABOVE MCDONALDS , AUNDH, PUNE MAHARASHTRA411007

Coordinator Contact Details:  
Email: [clinqc@cmcvellore.ac.in](mailto:clinqc@cmcvellore.ac.in)  
Contact Number: 0416-2283102

*Pamela Christudoss*  
Dr. Pamela Christudoss  
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 \*\*\*\*\*

*Reviewed & signed by  
Dr. Sathya  
5/11/2022*