



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - AUGUST 2023



Lab Name **BIO MICRO LABORATORIES** Lab No **10446**  
Constituent Group **Chemistry I** Date of Result Entered : **18/08/2023**  
PT item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1145	67.84	10.70	7.26	64.6 mg/dL	-0.45	0.43
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	729	19.58	14.17	2.77	20.5 mg/dL	0.33	0.21
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	894	0.88	15.93	0.14	0.84 mg/dL	-0.28	0.01
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation)	944	1.04	25.74	0.27	0.82 mg/dL	-0.82	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1161	5.78	7.43	0.43	5.5 g/dL	-0.65	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	853	3.49	8.23	0.29	3.6 g/dL	0.38	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1076	4.38	20.28	0.89	5.2 mg/dL	0.92	0.05
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1154	128.73	6.90	8.88	122.4 mg/dL	-0.71	0.52
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1098	120.39	8.06	9.70	131.6 mg/dL	1.16	0.59
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	889	30.72	13.89	4.27	30.9 mg/dL	0.04	0.29
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1159	36.02	14.51	5.23	38.8 U/L	0.53	0.31
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1127	27.93	16.72	4.67	31.3 U/L	0.72	0.28
13	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	927	107.17	14.37	15.40	92.3 U/L	-0.97	1.01

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 :**

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**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 \*\*\*\*\***