



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name **SIDDHA CENTRAL RESEARCH INSTITUTE** Lab No **4435**  
 Constituent Group **Chemistry I** Date of Result Entered : **20/01/2023**  
 PT item **Lyophilized human serum based** Date of Report Published : **09/02/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	223	172.51	5.55	9.58	180 mg/dL	0.78	1.28
2	UREA	Urease UV / GLDH	Biosystems	198	30.04	10.42	3.13	24.7 mg/dL	-1.71	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	161	1.39	11.98	0.17	1.5 mg/dL	0.66	0.03
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	173	3.06	14.69	0.45	2.5 mg/dL	-1.25	0.07
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	209	5.42	7.01	0.38	5.2 g/dL	-0.58	0.05
6	ALBUMIN	BCG - colorimetric	Biosystems	201	3.21	9.09	0.29	3.5 g/dL	0.99	0.04
7	CALCIUM	Arsenazo III	Biosystems	125	9.47	7.70	0.73	8.4 mg/dL	-1.47	0.13
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	198	5.20	8.76	0.46	5 mg/dL	-0.44	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	203	113.00	6.95	7.85	115 mg/dL	0.25	1.10
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	187	107.12	9.66	10.35	115 mg/dL	0.76	1.51
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	129	27.35	12.31	3.37	24.6 mg/dL	-0.82	0.59

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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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 \*\*\*\*\*