



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2023



PC-1024

Lab Name **SIDDHA CENTRAL RESEARCH INSTITUTE** Lab No **4435**
 Constituent Group **Chemistry I** Date of Result Entered : **16/02/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **08/03/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	281	120.01	5.60	6.73	121 mg/dL	0.15	0.80
2	UREA	Urease UV / GLDH	Biosystems	266	122.91	7.27	8.93	128 mg/dL	0.57	1.10
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	230	4.82	10.05	0.48	4.75 mg/dL	-0.14	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	198	1.37	20.98	0.29	1.1 mg/dL	-0.94	0.04
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	293	4.63	7.33	0.34	4.4 g/dL	-0.68	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	282	2.75	9.07	0.25	3 g/dL	1.00	0.03
7	CALCIUM	Arsenazo III	Biosystems	181	10.44	7.99	0.83	9.7 mg/dL	-0.89	0.12
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	277	7.55	7.72	0.58	7.9 mg/dL	0.60	0.07
9	CHOLESTEROL	CHOD-PAP	Biosystems	285	97.78	7.29	7.13	105 mg/dL	1.01	0.84
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	217	82.77	8.60	7.12	88 mg/dL	0.74	0.97
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	197	24.55	12.22	3.00	19.2 mg/dL	-1.78	0.43
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1147	120.46	4.12	4.96	119.8 mmol/L	-0.13	0.29
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1129	5.00	5.46	0.27	4.86 mmol/L	-0.51	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	921	92.85	4.47	4.15	90.8 mmol/L	-0.49	0.27
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	279	221.57	10.91	24.18	240 U/L	0.76	2.90
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	280	55.30	13.16	7.28	62.6 U/L	1.00	0.87
17	ALP	PNP AMP kinetic	Biosystems	274	229.77	12.92	29.68	261 U/L	1.05	3.59

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 :

SIDDHA CENTRAL RESEARCH INSTITUTE

Dr.R. GANESARN, HEAD OF THE DEPARTMENT, BIOCHEMISTRY DEPARTMENT, ARUMBAKKAM

CHENNAI

TAMILNADU600106

Pamela Christudoss

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

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 *******