



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2023



PC-1024

Lab Name **SIDDHA CENTRAL RESEARCH INSTITUTE** Lab No **4435**
 Constituent Group **Chemistry I** Date of Result Entered : **11/04/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **08/05/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	325	150.75	6.88	10.38	147 mg/dL	-0.36	1.15
2	UREA	Urease UV / GLDH	Biosystems	281	35.88	8.65	3.10	37.6 mg/dL	0.55	0.37
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	237	2.85	8.63	0.25	3 mg/dL	0.61	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	247	2.69	16.93	0.46	2.5 mg/dL	-0.42	0.06
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	300	5.55	5.95	0.33	5.4 g/dL	-0.45	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	301	3.27	6.82	0.22	3 g/dL	-1.21	0.03
7	CALCIUM	Arsenazo III	Biosystems	201	11.38	8.26	0.94	10.9 mg/dL	-0.51	0.13
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	297	6.09	8.83	0.54	5.62 mg/dL	-0.87	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	299	118.99	6.82	8.12	123 mg/dL	0.49	0.94
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	283	105.47	9.35	9.87	98 mg/dL	-0.76	1.17
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	206	27.87	14.03	3.91	21.2 mg/dL	-1.70	0.55
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1181	131.83	3.23	4.26	129.2 mmol/L	-0.62	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1175	5.43	5.95	0.32	5.32 mmol/L	-0.34	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1011	102.67	3.93	4.03	99.8 mmol/L	-0.71	0.25
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	296	103.61	11.15	11.55	98.7 U/L	-0.43	1.34
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	286	77.12	13.46	10.38	76.5 U/L	-0.06	1.23
17	ALP	PNP AMP kinetic	Biosystems	294	108.54	15.05	16.33	108 U/L	-0.03	1.90

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 :

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Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
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******* End of Report *******