



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2022



PC-1024

Lab Name **SIDDHA CENTRAL RESEARCH INSTITUTE** Lab No **4435**
 Constituent Group **Chemistry I** Date of Result Entered : **15/12/2022**
 PT item **Lyophilized human serum based** Date of Report Published : **05/01/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	317	177.93	5.97	10.63	179 mg/dL	0.10	1.19
2	UREA	Urease UV / GLDH	Biosystems	308	93.31	8.04	7.50	92.3 mg/dL	-0.13	0.85
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	255	3.08	9.39	0.29	2.89 mg/dL	-0.66	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	262	2.91	14.18	0.41	2.64 mg/dL	-0.66	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	302	5.06	6.15	0.31	5.1 g/dL	0.13	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	281	3.05	7.19	0.22	3.2 g/dL	0.68	0.03
7	CALCIUM	Arsenazo III	Biosystems	206	9.99	7.73	0.77	9.7 mg/dL	-0.38	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	294	7.24	7.70	0.56	6.5 mg/dL	-1.33	0.07
9	CHOLESTEROL	CHOD-PAP	Biosystems	329	104.28	6.50	6.78	107 mg/dL	0.40	0.75
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	300	172.42	7.76	13.38	184 mg/dL	0.87	1.55
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	213	26.59	14.60	3.88	28.1 mg/dL	0.39	0.53
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1094	134.67	3.00	4.04	133.6 mmol/L	-0.26	0.24
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1068	3.11	5.69	0.18	2.96 mmol/L	-0.85	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	901	97.48	4.28	4.17	96.6 mmol/L	-0.21	0.28
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	290	70.09	10.53	7.38	75.6 U/L	0.75	0.87
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	289	97.59	11.01	10.74	104.3 U/L	0.62	1.26
17	ALP	PNP AMP kinetic	Biosystems	277	73.90	14.50	10.72	90 U/L	1.50	1.29

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 *******