



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2022



PC-1024

Lab Name **SIDDHA CENTRAL RESEARCH INSTITUTE** Lab No **4435**
 Constituent Group **Chemistry I** Date of Result Entered : **14/11/2022**
 PT item **Lyophilized human serum based** Date of Report Published : **06/12/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	330	318.11	5.49	17.46	327 mg/dL	0.51	1.92
2	UREA	Urease UV / GLDH	Biosystems	286	53.21	8.30	4.41	57 mg/dL	0.86	0.52
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	244	3.86	9.51	0.37	3.33 mg/dL	-1.44	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	235	1.68	18.25	0.31	1.59 mg/dL	-0.29	0.04
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	297	5.63	6.24	0.35	5.5 g/dL	-0.37	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	299	3.44	7.77	0.27	3.6 g/dL	0.60	0.03
7	CALCIUM	Arsenazo III	Biosystems	202	10.21	7.52	0.77	10.37 mg/dL	0.21	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	307	9.46	7.79	0.74	8.78 mg/dL	-0.92	0.08
9	CHOLESTEROL	CHOD-PAP	Biosystems	327	118.38	7.42	8.78	116 mg/dL	-0.27	0.97
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	271	215.89	6.24	13.47	258 mg/dL	3.13	1.64
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	214	28.81	13.65	3.93	25.4 mg/dL	-0.87	0.54
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1072	136.98	3.30	4.53	131.4 mmol/L	-1.23	0.28
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1085	5.35	6.56	0.35	5 mmol/L	-1.00	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	877	98.38	4.83	4.75	96 mmol/L	-0.50	0.32
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	255	172.68	8.31	14.35	181.4 U/L	0.61	1.80
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	280	54.87	12.77	7.01	84 U/L	4.16	0.84
17	ALP	PNP AMP kinetic	Biosystems	284	151.03	12.24	18.48	186 U/L	1.89	2.19

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 *******