



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023



PC-1024

Lab Name **MODERN DIAGNOSTICS** Lab No **18217**
 Constituent Group **Chemistry I** Date of Result Entered : **18/07/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **07/08/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1137	271.23	7.90	21.42	288 mg/dL	0.78	1.27
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	770	64.64	9.08	5.87	63 mg/dL	-0.28	0.42
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	768	4.21	8.88	0.37	4.7 mg/dL	1.31	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	1017	3.36	14.03	0.47	3.6 mg/dL	0.51	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1163	6.04	7.60	0.46	5.6 g/dL	-0.96	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	863	3.56	6.74	0.24	3.6 g/dL	0.17	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	969	10.13	5.10	0.52	9.9 mg/dL	-0.44	0.03
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1052	6.24	12.96	0.81	5.2 mg/dL	-1.29	0.05
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1113	129.84	4.89	6.34	127 mg/dL	-0.45	0.38
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1092	160.92	5.58	8.98	165 mg/dL	0.45	0.54
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	864	28.79	10.28	2.96	38 mg/dL	3.11	0.20
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1249	133.23	2.96	3.95	136 mmol/L	0.70	0.22
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1240	4.26	4.44	0.19	4.2 mmol/L	-0.32	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1027	100.95	3.91	3.95	99 mmol/L	-0.49	0.25
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1155	204.91	9.54	19.56	217 U/L	0.62	1.15
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1116	258.41	17.01	43.95	279 U/L	0.47	2.63
17	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	358	251.45	16.88	42.44	379 U/L	3.01	4.49
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	500	65.73	18.04	11.86	99 U/L	2.81	1.06
19	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	194	2.97	17.60	0.52	1.9 mg/dL	-2.06	0.08

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

CMC EQAS does not sub contract any components

***** End of Report *****