

CHRISTIAN MEDICAL COLLEGE
DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - June 2023

189983
28/06/2023
04/07/2023

MODERN DIAGNOSTIC CENTRE
Chemistry I
Lyophilized human serum based

Lab No
Date of Result Entered
Date of Report Published

Lab Name
Constituent Group
PT item

Sl.No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	OOD-POD	Any Analyser (Automation / Semi Automation)	1157	123.88	6.67	8.26	111 mg/dL	-1.56	0.49
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	759	48.17	9.57	4.61	53.01 mg/dL	1.05	0.33
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	892	1.97	12.28	0.24	2.1 mg/dL	0.54	0.02
4	T.BILIRUBIN	Diazotium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	1028	2.93	12.68	0.37	3.9 mg/dL	-0.08	0.02
5	T-PROTEIN	Biaxet - Colorimetric	Any Analyser (Automation / Semi Automation)	1151	5.92	7.83	0.46	6.1 g/dL	0.39	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	829	3.54	7.30	0.26	3.55 g/dL	0.04	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	968	10.07	7.04	0.71	11.5 mg/dL	2.02	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	473	4.39	15.00	0.66	3.7 mg/dL	-1.05	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1029	5.37	15.52	0.83	4.1 mg/dL	-1.52	0.05
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1201	124.53	6.12	7.62	121.01 mg/dL	-0.46	0.44
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1112	176.08	8.42	14.82	167.11 mg/dL	-0.61	0.89
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	862	29.06	13.00	3.78	27.02 mg/dL	-0.54	0.26
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1247	134.31	3.28	4.40	131.3 mmol/L	-0.68	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1244	5.18	5.90	0.31	5 mmol/L	-0.59	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	983	101.78	4.10	4.18	101.8 mmol/L	0.00	0.27
16	AST	UV kinetic (with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1094	66.44	12.71	8.45	79.01 U/L	1.49	0.51
17	ALT	UV kinetic (with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1006	42.17	19.32	8.15	49 U/L	0.84	0.51
18	ALP	PNP/DEA Kinetic	Any Analyser (Automation / Semi Automation)	317	143.59	19.26	27.66	113.05 U/L	-1.10	3.11
19	AMYLASE	CNPG	Any Analyser (Automation / Semi Automation)	485	70.77	17.62	12.47	73.09 U/L	0.19	1.13
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	148	142.79	10.43	14.90	147.29 ug/dL	0.30	2.45

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.

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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 *****