

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

16995
17/07/2023
07/08/2023

Lab Name
Constituent Group
PT item

MODERN DIAGNOSTIC CENTRE
Chemistry I
Lyophilized human serum based

Lab No
Date of Result Entered :
Date of Report Published :

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1137	271.23	7.90	21.42	370 mg/dL	4.61	1.27
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	770	64.64	9.08	5.87	71.02 mg/dL	1.09	0.42
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	768	4.21	8.88	0.37	5 mg/dL	2.11	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	1017	3.36	14.03	0.47	3.83 mg/dL	1.04	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1163	6.04	7.60	0.46	7.04 g/dL	2.18	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	863	3.56	6.74	0.24	3.83 g/dL	1.12	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	969	10.13	5.10	0.52	9.87 mg/dL	-0.50	0.03
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	442	5.14	12.56	0.64	5.8 mg/dL	1.02	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1052	6.24	12.96	0.81	5.58 mg/dL	-0.82	0.05
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1113	129.84	4.89	6.34	141 mg/dL	1.76	0.38
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1092	160.92	5.58	8.98	173 mg/dL	1.35	0.54
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	864	28.79	10.28	2.96	35.5 mg/dL	2.27	0.20
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1249	133.23	2.96	3.95	145 mmol/L	2.98	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1240	4.26	4.44	0.19	5.1 mmol/L	4.42	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1027	100.95	3.91	3.95	110 mmol/L	2.29	0.25
16	AST	UV kinetic(with & without PLP (P-S-P))	Any Analyser (Automation / Semi Automation)	1155	204.91	9.54	19.56	223.01 U/L	0.93	1.15
17	ALT	UV kinetic(with & without PLP (P-S-P))	Any Analyser (Automation / Semi Automation)	1116	258.41	17.01	43.95	299.1 U/L	0.93	2.63
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	358	251.45	16.88	42.44	221.03 U/L	-0.72	4.49
19	AMYLAASE	CNPG3	Any Analyser (Automation / Semi Automation)	500	65.73	18.04	11.86	63 U/L	-0.23	1.06
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	147	208.38	11.82	24.64	230.11 ug/dL	0.88	4.06

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 subcontract any components
***** End of Report *****