

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

16995
20/05/2023
05/06/2023

MODERN DIAGNOSTIC CENTRE
Chemistry 1
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)	1095	246.36	5.38	13.26	251 mg/dL	0.35	0.80
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	718	76.52	9.33	7.14	80 mg/dL	0.49	0.53
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	856	1.63	12.21	0.20	1.6 mg/dL	-0.15	0.01
4	T.BILIRUBIN	Diazotium salt (Colorimetric) / Zandrasak	Any Analyser (Automation / Semi Automation)	963	3.96	12.75	0.50	4.3 mg/dL	0.67	0.03
5	T-PROTEIN	Biauret - Colorimetric	Any Analyser (Automation / Semi Automation)	1107	5.11	8.61	0.44	5.9 g/dL	1.80	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	968	3.17	8.64	0.27	3 g/dL	-0.62	0.04
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	465	9.49	6.34	0.60	9.1 mg/dL	-0.65	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	1080	8.40	9.77	0.82	7.5 mg/dL	-0.69	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1116	111.09	7.11	7.89	105 mg/dL	-0.77	0.47
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1078	135.39	6.22	8.43	127 mg/dL	-1.00	0.51
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	838	25.33	14.17	3.59	23 mg/dL	-0.65	0.25
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	1209	134.44	3.09	4.16	136 mmol/L	0.38	0.24
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1220	3.12	5.73	0.18	3 mmol/L	-0.67	0.01
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1011	98.34	4.20	4.14	99.2 mmol/L	0.21	0.26
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1086	145.65	12.19	17.75	143 U/L	-0.15	1.08
16	AST	UV kinetic(with & without PLP (P-S-P))	Any Analyser (Automation / Semi Automation)	1087	75.41	12.30	9.28	65 U/L	-1.12	0.56
17	ALT	UV kinetic(with & without PLP (P-S-P))	Any Analyser (Automation / Semi Automation)	391	348.86	17.23	60.10	359 U/L	0.17	6.08
18	ALP	PNP DEA Kinetic	Any Analyser (Automation / Semi Automation)	473	89.54	17.40	15.58	85 U/L	-0.29	1.43
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	128	83.71	14.16	11.85	83 ug/dL	-0.06	2.10
20	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)							

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 *****