



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name **ESICMCH** Lab No **15151**
Constituent Group **Chemistry I** Date of Result Entered : **20/09/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/10/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	315	192.95	3.60	6.95	191 mg/dL	-0.28	0.78
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	319	112.91	3.54	3.99	115.6 mg/dL	0.67	0.45
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	323	7.61	4.26	0.32	7.7 mg/dL	0.28	0.04
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	316	1.91	8.26	0.16	2.6 mg/dL	4.37	0.02
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	321	5.24	3.93	0.21	5.2 g/dL	-0.19	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	321	3.03	5.15	0.16	3 g/dL	-0.19	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	306	10.09	3.17	0.32	10.8 mg/dL	2.22	0.04
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	244	5.77	4.70	0.27	5.9 mg/dL	0.48	0.03
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	315	6.53	3.33	0.22	6.7 mg/dL	0.78	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	298	114.62	4.93	5.66	116 mg/dL	0.24	0.66
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	299	134.13	5.72	7.68	145 mg/dL	1.42	0.89
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	292	22.16	6.53	1.45	22 mg/dL	-0.11	0.17
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1285	133.72	2.84	3.80	134 mmol/L	0.07	0.21
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	256	4.93	2.72	0.13	4.9 mmol/L	-0.22	0.02
15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	218	102.11	2.62	2.67	96.6 mmol/L	-2.06	0.36
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	326	114.50	6.27	7.18	116 U/L	0.21	0.79
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	326	59.52	8.18	4.87	59 U/L	-0.11	0.54
18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	317	123.29	7.59	9.36	120 U/L	-0.35	1.05
19	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	177	108.06	9.39	10.15	99 U/L	-0.89	1.53
20	IRON	Dry Chemistry I	Ortho Clinical Diagnostics / Fuji - Dry Chemistry Series	84	54.93	17.36	9.54	63 ug/dL	0.85	2.08

21	MAGNESIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	122	2.18	6.78	0.15	2.2 mg/dL	0.14	0.03
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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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Dr. Pamela Christudoss

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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 *****