



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2022



PC-1024

Lab Name **ESIC MEDICAL COLLEGE AND HOSPITAL**

Lab No **7760**

Constituent Group **Chemistry I**

Date of Result Entered : **15/05/2022**

PT item **Lyophilized Serum**

Date of Report Published : **08/06/2022**

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	296	179.51	4.12	7.39	160 mg/dL	-2.64	0.86
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	303	64.05	4.50	2.88	60 mg/dL	-1.41	0.33
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	298	2.49	4.61	0.12	2.4 mg/dL	-0.78	0.01
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	297	3.23	8.12	0.26	2.86 mg/dL	-1.41	0.03
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	5.54	4.59	0.25	5.6 g/dL	0.24	0.03
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	3.32	4.89	0.16	3.2 g/dL	-0.74	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	292	10.85	3.81	0.41	10.6 mg/dL	-0.61	0.05
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	245	4.83	5.76	0.28	5.2 mg/dL	1.33	0.04
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	291	4.68	3.59	0.17	4.6 mg/dL	-0.48	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	275	115.56	5.15	5.95	122 mg/dL	1.08	0.72
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	275	124.13	5.18	6.43	144 mg/dL	3.09	0.78
12	HDL CHO	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	271	23.24	6.71	1.56	23 mg/dL	-0.15	0.19
13	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	228	139.36	2.87	4.00	145 mmol/L	1.41	0.53
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	230	4.82	2.86	0.14	5 mmol/L	1.30	0.02
15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	177	100.24	2.68	2.68	103 mmol/L	1.03	0.40
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	296	90.21	6.78	6.12	93 U/L	0.46	0.71
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	57.87	9.95	5.76	46 U/L	-2.06	0.67

18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	300	91.80	8.27	7.60	81 U/L	-1.42	0.88
19	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	163	47.62	12.67	6.03	51 U/L	0.56	0.95
20	IRON	Dry Chemistry I	Ortho Clinical Diagnostics / Fuji - Dry Chemistry Series	85	89.78	9.63	8.64	79 ug/dL	-1.25	1.87
21	MAGNESIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	112	2.63	5.36	0.14	2.5 mg/dL	-0.92	0.03

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 *****