



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2021



PC-1024

Lab Name **SHRI MAHESHWARI DIALYSIS
DIAGNOSTIC & RESEARCH CENTER**

Lab No **14808**

Constituent Group **Chemistry I**

Date of Result Entered : **19/07/2021**

PT item **Lyophilized Serum**

Date of Report Published : **02/08/2021**

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	276	97.66	4.85	4.73	99 mg/dL	0.28	0.57
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	148.02	3.90	5.78	141.57 mg/dL	-1.12	0.70
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	279	8.16	3.95	0.32	7.9 mg/dL	-0.81	0.04
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	282	5.19	6.22	0.32	4.5 mg/dL	-2.14	0.04
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	277	4.81	3.72	0.18	4.9 g/dL	0.50	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	2.82	5.32	0.15	2.9 g/dL	0.53	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	277	10.28	4.42	0.45	10.3 mg/dL	0.04	0.05
8	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	275	8.70	3.99	0.35	8.4 mg/dL	-0.86	0.04
9	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	259	99.20	4.80	4.76	89 mg/dL	-2.14	0.59
10	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	249	266.31	4.62	12.30	264 mg/dL	-0.19	1.56
11	HDL CHO	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	249	20.71	8.15	1.69	19 mg/dL	-1.01	0.21
12	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	215	143.74	2.27	3.26	134 mmol/L	-2.99	0.44
13	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	221	3.68	3.07	0.11	3.5 mmol/L	-1.59	0.02
14	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	185	99.10	3.08	3.06	91 mmol/L	-2.65	0.45
15	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	242	151.98	9.73	14.79	153 U/L	0.07	1.90
16	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	189	46.43	14.13	6.56	40 U/L	-0.98	0.95
17	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	269	120.44	8.74	10.53	113 U/L	-0.71	1.28
18	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	126	99.08	10.28	10.18	102 U/L	0.29	1.81

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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LAB ADDRESS :

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**Dr. Pamela Christudoss
CMC EQAS Coordinator
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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 *******