



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Lab Name **LUPIN DIAGNOSTICS- HLM ATHREYA HOSPITAL**

Lab No **18898**

Constituent Group **Chemistry I**

Date of Result Entered : **19/10/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **04/11/2023**

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	292	334.78	3.17	10.60	350 mg/dL	1.44	1.24
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	308	44.43	4.48	1.99	45 mg/dL	0.29	0.23
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	313	7.19	4.33	0.31	6.2 mg/dL	-3.18	0.04
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	305	1.21	10.76	0.13	1.2 mg/dL	-0.08	0.01
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	320	4.68	3.63	0.17	4.7 g/dL	0.12	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	304	2.72	5.22	0.14	2.9 g/dL	1.27	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	308	11.57	3.83	0.44	11.2 mg/dL	-0.84	0.05
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	232	3.51	4.85	0.17	3.3 mg/dL	-1.24	0.02
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	315	9.80	3.27	0.32	9.2 mg/dL	-1.88	0.04
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	287	91.97	5.21	4.79	88 mg/dL	-0.83	0.57
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	283	89.18	4.91	4.38	85 mg/dL	-0.95	0.52
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	286	20.08	6.28	1.26	19 mg/dL	-0.86	0.15
13	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	248	136.69	2.23	3.05	136 mmol/L	-0.23	0.39
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	246	5.97	2.58	0.15	5.6 mmol/L	-2.40	0.02
15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	210	101.69	2.58	2.62	101 mmol/L	-0.26	0.36
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	324	117.35	6.61	7.76	117 U/L	-0.05	0.86
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	323	142.19	9.52	13.54	136 U/L	-0.46	1.51

18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	312	324.62	8.48	27.52	320 U/L	-0.17	3.12
19	MAGNESIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	114	1.35	7.87	0.11	1.2 mg/dL	-1.42	0.02

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 *******