



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

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

Lab No **18898**

Constituent Group **Chemistry I**

Date of Result Entered : **17/02/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **05/03/2024**

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	270	241.84	3.24	7.84	248 mg/dL	0.79	0.95
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	64.21	4.25	2.73	64.2 mg/dL	0.00	0.33
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	275	5.65	4.66	0.26	5.7 mg/dL	0.19	0.03
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	2.79	6.17	0.17	2.9 mg/dL	0.64	0.02
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	281	5.15	3.83	0.20	5.2 g/dL	0.25	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	280	3.02	5.19	0.16	3.2 g/dL	1.15	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	265	10.10	3.17	0.32	9.9 mg/dL	-0.62	0.04
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	210	3.50	4.89	0.17	3 mg/dL	-2.92	0.02
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	274	7.04	3.78	0.27	6.5 mg/dL	-2.03	0.03
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	256	107.09	5.50	5.89	105 mg/dL	-0.35	0.74
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	259	224.57	4.81	10.81	223 mg/dL	-0.15	1.34
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	251	23.42	6.07	1.42	22 mg/dL	-1.00	0.18
13	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	230	125.29	2.49	3.12	123 mmol/L	-0.73	0.41
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	229	5.00	2.92	0.15	4.8 mmol/L	-1.37	0.02
15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	195	96.80	2.88	2.79	94 mmol/L	-1.00	0.40
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	286	88.59	5.58	4.94	102 U/L	2.71	0.58
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	282	103.61	7.48	7.75	105 U/L	0.18	0.92

18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	283	81.32	7.56	6.14	78 U/L	-0.54	0.73
19	MAGNESIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	119	2.96	4.63	0.14	2.9 mg/dL	-0.44	0.03

u\* - Method of Uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (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 \*\*\*\*\*