



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - SEPTEMBER 2024

LAB NO: 19714

LAB NAME: **LUPIN DIAGNOSTICS LTD**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 16/09/2024

Date of Result Published: 01/10/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	285	98.12	3.26	3.2	99 mg/dL	0.27	0.38
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	293	61.78	3.6	2.22	64.2 mg/dL	1.09	0.26
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	293	1.78	4.61	0.08	1.7 mg/dL	-1	0.01
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	3.38	6.54	0.22	3.2 mg/dL	-0.82	0.03
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	297	5.13	3.07	0.16	5.2 g/dL	0.44	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	3.02	4.56	0.14	3.2 g/dL	1.29	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	277	8.71	3.86	0.34	8.6 mg/dL	-0.32	0.04
8	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	288	4.32	3.48	0.15	4.4 mg/dL	0.53	0.02
9	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	270	106.41	5.02	5.34	104 mg/dL	-0.45	0.65
10	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	133.59	4.74	6.33	136 mg/dL	0.38	0.77
11	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	264	21.97	5.98	1.31	25 mg/dL	2.31	0.16
12	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	250	133.43	2	2.67	134 mmol/L	0.21	0.34
13	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	250	3.47	2.86	0.1	3.5 mmol/L	0.3	0.01
14	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	205	96.6	2.6	2.51	94 mmol/L	-1.04	0.35



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						CV	SDPA			
15	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	303	44.16	6.08	2.69	46 U/L	0.68	0.31
16	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	297	47.28	9.65	4.56	48 U/L	0.16	0.53
17	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	300	101.54	7.76	7.88	109 U/L	0.95	0.91

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

LUPIN DIAGNOSTICS LTD,  
KIRAN PLAZA 1ST FLOOR, 84 DISTCS CENTER,  
CHANDRASEKHARPUR,  
Bhubaneswar,

#### Coordinator Contact Details:

E-Mail: [clinqc@cmcvellore.ac.in](mailto:clinqc@cmcvellore.ac.in)  
Contact No.: 0416-2283102

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 \*\*\*\*\*

*Pamela Christudoss*

Dr. Pamela Christudoss,  
CMC EQAS Coordinator,  
Christian Medical College, Vellore.



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						CV	SDPA			
1	D.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	68	0.58	36.08	0.21	0.7 mg/dL	0.57	0.05

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)

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Christian Medical College, Vellore.