



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: 19570
LAB NAME: **LUPIN DIAGNOSTICS LTD**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 17/09/2024

Date of Result Published: 09/10/2024

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	98 mg/dL	-0.04	0.38
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	293	61.78	3.6	2.22	59.2 mg/dL	-1.16	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	3.3 mg/dL	-0.36	0.03
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	297	5.13	3.07	0.16	5.16 g/dL	0.19	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	3.02	4.56	0.14	3.08 g/dL	0.43	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	277	8.71	3.86	0.34	8.5 mg/dL	-0.62	0.04
8	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	288	4.32	3.48	0.15	4.24 mg/dL	-0.53	0.02
9	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	270	106.41	5.02	5.34	102 mg/dL	-0.83	0.65
10	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	133.59	4.74	6.33	128 mg/dL	-0.88	0.77
11	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	264	21.97	5.98	1.31	21 mg/dL	-0.74	0.16
12	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	250	133.43	2	2.67	130 mmol/L	-1.28	0.34
13	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	250	3.47	2.86	0.1	3.4 mmol/L	-0.7	0.01
14	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	205	96.6	2.6	2.51	93.7 mmol/L	-1.16	0.35



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15	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	303	44.16	6.08	2.69	47 U/L	1.06	0.31
16	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	297	47.28	9.65	4.56	44 U/L	-0.72	0.53
17	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	300	101.54	7.76	7.88	98 U/L	-0.45	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,
MG TOWER, OLD NO:788, NEW NO.19, FLOWERS
ROAD, ABOVE DOMINOS PIZZA,
PURASAIWAKKA,

Coordinator Contact Details:

E-Mail: 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	0.1 mg/dL	-2.29	0.05

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
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