



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **LUPIN DIAGNOSTICS** Lab No **18897**  
Constituent Group **Chemistry I** Date of Result Entered : **23/01/2024**  
PT item **Lyophilized human serum based** Date of Report Published : **06/02/2024**

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	258	121.13	2.88	3.49	124 mg/dL	0.82	0.43
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	259	38.84	4.30	1.67	38.52 mg/dL	-0.19	0.21
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	252	1.65	4.24	0.07	1.7 mg/dL	0.71	0.01
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	250	1.94	8.20	0.16	1.9 mg/dL	-0.25	0.02
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	260	4.96	3.18	0.16	5.1 g/dL	0.89	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	261	3.01	5.25	0.16	3.2 g/dL	1.20	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	245	8.53	4.94	0.42	9.3 mg/dL	1.82	0.05
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	197	6.19	5.23	0.32	6.5 mg/dL	0.96	0.05
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	252	4.54	3.28	0.15	4.2 mg/dL	-2.28	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	233	100.13	4.87	4.88	98 mg/dL	-0.44	0.64
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	236	169.69	3.80	6.44	185 mg/dL	2.38	0.84
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	232	22.57	6.28	1.42	23 mg/dL	0.30	0.19
13	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	219	129.06	2.51	3.24	128 mmol/L	-0.33	0.44
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	211	3.26	2.95	0.10	3.2 mmol/L	-0.62	0.01
15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	186	91.99	2.50	2.30	95 mmol/L	1.31	0.34
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	260	134.48	5.46	7.35	129 U/L	-0.75	0.91
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	262	48.45	6.79	3.29	53 U/L	1.38	0.41
18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	255	140.32	7.63	10.70	152 U/L	1.09	1.34

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  $\pm 3.0$

Unacceptable performance. Action Signal.

**LAB ADDRESS :**

**LUPIN DIAGNOSTICS**

**GROUND FLOOR, SRPARCADE, E-5/46, OPP AJWANI EYE CARE CENTER, ARERA COLONY, VITHAL MARKET  
BHOPAL**

**MADHYA PRADESH 462016**

**Coordinator Contact Details:**

**Email: [clinqc@cmcvellore.ac.in](mailto:clinqc@cmcvellore.ac.in)**

**Contact Number: 0416-2283102**

*Pamela Christudoss*

**Dr. Pamela Christudoss**

**CMC EQAS Coordinator**

**Christian Medical College, Vellore**

**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 \*\*\*\*\***



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CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **LUPIN DIAGNOSTICS** Lab No **18897**  
Constituent Group **HbA1c** Date of Result Entered : **22/01/2024**  
PT item **Lyophilized human whole blood based** Date of Report Published : **06/02/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Tosoh G8 - HPLC / HPLC-723G8)	227	5.24	5.13	0.27	5.1 %	-0.52	0.04

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

**LAB ADDRESS :**

**LUPIN DIAGNOSTICS**  
**GROUND FLOOR, SRPARCADE, E-5/46, OPP AJWANI EYE CARE CENTER, ARERA COLONY, VITHAL MARKET**  
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*Pamela Christudoss*  
Dr. Pamela Christudoss  
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\*\*\*\*\* End of Report \*\*\*\*\*