



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 13559

LAB NAME: **DR B LAL CLINICAL LABORATORY PVT LTD**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 10/06/2024

Date of Result Published: 27/06/2024

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	291	293.61	3.3	9.7	293.1 mg/dL	-0.05	1.14
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	81.22	3.89	3.16	88.75 mg/dL	2.39	0.37
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	1.62	5.3	0.09	1.66 mg/dL	0.47	0.01
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	2.46	6.34	0.16	2.72 mg/dL	1.67	0.02
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	299	5.19	3.14	0.16	5.19 g/dL	0	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	2.97	4.47	0.13	3.04 g/dL	0.53	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	275	9.51	3.33	0.32	10.02 mg/dL	1.61	0.04
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	217	5.55	4.86	0.27	6.33 mg/dL	2.89	0.04
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	287	3.49	4.16	0.14	3.92 mg/dL	2.97	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	269	108.47	5.57	6.04	110 mg/dL	0.25	0.74
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	115.45	5.66	6.53	128.1 mg/dL	1.94	0.79
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	264	22.81	6.09	1.39	23.5 mg/dL	0.5	0.17
13	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	248	123.33	2.5	3.08	125.5 mmol/L	0.7	0.39
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	248	3.13	2.97	0.09	3.13 mmol/L	0	0.01



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						CV	SDPA			
15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	209	91.73	2.97	2.73	92.6 mmol/L	0.32	0.38
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	297	96.13	7.35	7.06	94 U/L	-0.3	0.82
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	239.98	9.5	22.8	226 U/L	-0.61	2.65
18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	301	51.81	7.89	4.09	50 U/L	-0.44	0.47
19	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	174	68.38	9.67	6.61	70 U/L	0.24	1

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

DR B LAL CLINICAL LABORATORY PVT LTD,  
RATHI HOSPITAL, SARASWATI NAGAR, SANWALI  
ROAD, ,  
Sikar,

#### 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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LAB NO: 13559

LAB NAME: **DR B LAL CLINICAL LABORATORY PVT LTD**

CONSTITUENT GROUP

**HbA1c**

Date of Result Entered: 10/06/2024

Date of Result Published: 27/06/2024

PT Item: Lyophilized human whole blood based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	384	6.27	12.26	0.77	5.4 %	-1.13	0.08

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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*Pamela Christudoss*

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