



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 13557
LAB NAME: **DR B LAL CLINICAL LABORATORY PVT LTD**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/08/2024

Date of Result Published: 02/09/2024

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	299	164.38	3.96	6.51	180.2 mg/dL	2.43	0.75
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	301	101.34	3.37	3.42	91.56 mg/dL	-2.86	0.39
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	302	3.97	4.2	0.17	3.74 mg/dL	-1.35	0.02
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	303	3.62	8.2	0.3	4.1 mg/dL	1.6	0.03
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	308	4.95	3.49	0.17	4.7 g/dL	-1.47	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	305	2.85	4.8	0.14	2.4 g/dL	-3.21	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	282	8.75	3.69	0.32	8.1 mg/dL	-2.03	0.04
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	223	4.53	4.38	0.2	3.8 mg/dL	-3.65	0.03
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	296	5.39	3.47	0.19	4.7 mg/dL	-3.63	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	277	93.53	5.27	4.93	102 mg/dL	1.72	0.59
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	280	200.56	4.13	8.28	194.9 mg/dL	-0.68	0.99
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	272	20.69	6.06	1.25	24.5 mg/dL	3.05	0.15
13	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	254	133.48	2.22	2.96	137.5 mmol/L	1.36	0.37
14	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	254	5	2.71	0.14	4.99 mmol/L	-0.07	0.02



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15	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	211	99.22	2.07	2.05	97.7 mmol/L	-0.74	0.28
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	313	71.28	8.39	5.98	73 U/L	0.29	0.68
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	309	119.6	13.51	16.15	125 U/L	0.33	1.84
18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	310	90.03	8.33	7.5	81 U/L	-1.2	0.85
19	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	179	68.69	9.92	6.81	86 U/L	2.54	1.02

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,
AMBEDKAR CIRCLE, SAROJ DIAGNOSTIC
CENTER, HOUSE NO-12 SCHEME NO-2, LAJPAT
NAGAR,

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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HbA1c

Date of Result Entered: 20/08/2024

Date of Result Published: 02/09/2024

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)	398	6.25	11.14	0.7	7.2 %	1.36	0.07

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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