



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: 15340

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

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 07/09/2024

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	Hexokinase	Any Analyser (Automation / Semi Automation)	188	99.13	5.67	5.62	98.57 mg/dL	-0.1	0.6
2	UREA	Urease UV / GLDH	Transasia / Erba	1134	54.22	6.69	3.63	57.1 mg/dL	0.79	0.4
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	593	1.74	9.94	0.17	1.89 mg/dL	0.88	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	1153	3.46	13.35	0.46	2.99 mg/dL	-1.02	0.05
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1162	5.43	7.04	0.38	5.34 g/dL	-0.24	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1143	3.34	5.16	0.17	3.39 g/dL	0.29	0.01
7	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1175	116.05	6.07	7.04	120.5 mg/dL	0.63	0.76
8	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1136	94.7	9.78	9.27	93 mg/dL	-0.18	0.55
9	HDL	Precipitation method	Any Analyser (Automation / Semi Automation)	153	27.19	17.61	4.79	25.1 mg/dL	-0.44	0.77
10	SODIUM	ISE - Indirect	Any Analyser	558	134.48	2.82	3.79	141.5 mmol/L	1.85	0.32
11	POTASSIUM	ISE - Indirect	Any Analyser	558	3.39	5.73	0.19	3.4 mmol/L	0.05	0.02
12	CHLORIDE	ISE - Indirect	Any Analyser	407	98.07	4.07	4	99.5 mmol/L	0.36	0.4
13	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1105	31.99	11.87	3.8	38.2 U/L	1.63	0.23
14	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1113	39.97	15.43	6.17	43.8 U/L	0.62	0.37
15	ALP	PNP AMP kinetic	Transasia / Erba	1067	113.2	15.25	17.26	99 U/L	-0.82	1.06



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S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			

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,
Jagtar Hospital, 2A 7 Sukhadia nagar Near tantia
hospital Sriganga nagar,
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Coordinator Contact Details:

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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: 15340

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

CONSTITUENT GROUP

HbA1c

Date of Result Entered: 06/09/2024

Date of Result Published: 01/10/2024

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	Turbidimetric Inhibition Immunoassay	Any Analyser	665	6.91	8.27	0.57	6.18 %	-1.28	0.04

u* - method of uncertainty

Z-Score	Interpretation
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