



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: 19019
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	GOD-POD	Transasia / Erba	1171	178.67	6.29	11.24	184.2 mg/dL	0.49	0.66
2	UREA	Urease UV / GLDH	Transasia / Erba	1135	97.28	7.43	7.23	97.7 mg/dL	0.06	0.43
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	587	4.15	5.55	0.23	4.17 mg/dL	0.09	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	1144	3.96	9.72	0.38	4.62 mg/dL	1.74	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1162	5.34	7.46	0.4	5.54 g/dL	0.5	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1141	3.24	5.31	0.17	3.27 g/dL	0.18	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	818	9.36	6.94	0.65	9.3 mg/dL	-0.09	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	580	5.03	10.02	0.5	4.81 mg/dL	-0.44	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1135	5.76	7.92	0.46	5.7 mg/dL	-0.13	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1170	96.03	8.9	8.54	93 mg/dL	-0.35	0.5
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1133	147.88	8.22	12.15	168.14 mg/dL	1.67	0.72
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	921	24.41	11.83	2.89	22.9 mg/dL	-0.52	0.19
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1499	134.52	3.11	4.18	134.4 mmol/L	-0.03	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1499	4.73	5.63	0.27	4.46 mmol/L	-1	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1210	100.09	4.17	4.17	104.6 mmol/L	1.08	0.24
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1105	53.86	11.27	6.07	57.3 U/L	0.57	0.37
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1114	98.02	21.48	21.06	78.9 U/L	-0.91	1.26
18	ALP	PNP AMP kinetic	Transasia / Erba	1072	97.8	16.39	16.03	86.8 U/L	-0.69	0.98



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						CV	SDPA			
19	AMYLASE	CNPG3	Transasia / Erba	559	59.46	17.77	10.57	58 U/L	-0.14	0.89

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,
GULJAR BAAG, MAIN ROAD, OPPOSITE
MULTIPURPOSE SCHOOL, RAJENDRA 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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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	6.98 %	1.04	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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