



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: 3718

LAB NAME: **COMPLETE DETAILED DIAGNOSTIC CENTRE PVT LT**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 13/08/2024

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	Mindray	297	174.65	4.79	8.36	179 mg/dL	0.52	0.97
2	UREA	Urease UV / GLDH	Mindray	365	97.42	4.97	4.85	92.5 mg/dL	-1.01	0.51
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	192	3.96	10.57	0.42	4.08 mg/dL	0.29	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	317	4.05	9.15	0.37	4.27 mg/dL	0.59	0.04
5	T-PROTEIN	Biuret - Colorimetric	Mindray	367	5.03	6.02	0.3	4.92 g/dL	-0.37	0.03
6	ALBUMIN	BCG - colorimetric	Mindray	359	3.2	6.59	0.21	3.17 g/dL	-0.14	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Complexone)	Any Analyser (Automation / Semi Automation)	249	9.4	8.06	0.76	9.11 mg/dL	-0.38	0.1
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	359	5.63	5.5	0.31	5.69 mg/dL	0.19	0.03
9	CHOLESTEROL	CHOD-PAP	Mindray	363	100.59	6.73	6.77	95 mg/dL	-0.83	0.71
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	361	171.72	6.03	10.35	176 mg/dL	0.41	1.09
11	HDL	Direct method / Enzymatic colorimetric	Mindray	311	23.4	8.39	1.96	25.8 mg/dL	1.22	0.22
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1499	134.52	3.11	4.18	134.3 mmol/L	-0.05	0.22
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1499	4.73	5.63	0.27	4.44 mmol/L	-1.07	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1210	100.09	4.17	4.17	102.4 mmol/L	0.55	0.24
15	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	352	54.9	9.72	5.34	54.8 U/L	-0.02	0.57
16	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	349	106.78	14.65	15.65	116.4 U/L	0.61	1.67
17	ALP	PNP AMP kinetic	Mindray	275	111.81	12.74	14.24	106 U/L	-0.41	1.72



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1	D.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	170	0.45	23.32	0.11	0.49 mg/dL	0.36	0.02

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

COMPLETE DETAILED DIAGNOSTIC CENTRE PVT LTD,
A-102, DDA Flats, Matasundari Road, Near BARAKHAMBHA FLY OVER,

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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,
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Christian Medical College, Vellore.