



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - MARCH 2024

LAB NO: 19527

LAB NAME: **SHRI DHANWANTRY AYURVEDIC COLLEGE & HOSP**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 11/03/2024

Date of Result Published: 06/04/2024

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	Beckman AU480/680/5800/DXC70 0AU	149	166.04	3.77	6.26	164 mg/dL	-0.33	1.03
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC70 0AU	183	25.47	5.16	1.32	24.7 mg/dL	-0.59	0.19
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC70 0AU	122	0.98	10.54	0.1	0.92 mg/dL	-0.58	0.02
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	231	0.85	17.95	0.15	1.06 mg/dL	1.38	0.02
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC70 0AU	173	5.31	3.83	0.2	5.17 g/dL	-0.69	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC70 0AU	177	3.36	3.42	0.12	3.29 g/dL	-0.61	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Complexone)	Any Analyser (Automation / Semi Automation)	225	9.65	8.8	0.85	9.53 mg/dL	-0.14	0.11
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC70 0AU	133	6.62	4.17	0.28	6.63 mg/dL	0.04	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC70 0AU	170	2.98	4.89	0.15	2.97 mg/dL	-0.07	0.02
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC70 0AU	175	114.75	5.45	6.26	108 mg/dL	-1.08	0.95
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC70 0AU	169	89.82	6.63	5.95	90 mg/dL	0.03	0.92
12	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	171	61.52	5.61	3.45	59.2 U/L	-0.67	0.53
13	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	154	90.92	7.1	6.45	92.3 U/L	0.21	1.04
14	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC70 0AU	168	127.86	8.79	11.24	116 U/L	-1.06	1.73



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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

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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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