



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - MAY 2024

LAB NO: 19527

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

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 08/05/2024

Date of Result Published: 30/05/2024

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	156	169.72	5.05	8.57	162 mg/dL	-0.9	1.37
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC70 0AU	188	95.9	4.96	4.76	91.3 mg/dL	-0.97	0.69
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC70 0AU	125	4.1	6.58	0.27	4.15 mg/dL	0.19	0.05
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	265	4.09	9.98	0.41	4.37 mg/dL	0.69	0.05
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC70 0AU	181	4.7	3.56	0.17	4.39 g/dL	-1.86	0.02
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC70 0AU	183	2.98	4.56	0.14	2.94 g/dL	-0.29	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Complexone)	Any Analyser (Automation / Semi Automation)	220	9.2	6.88	0.63	8.98 mg/dL	-0.35	0.09
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC70 0AU	136	4.33	5.45	0.24	4.28 mg/dL	-0.21	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC70 0AU	175	5.46	3.77	0.21	5.35 mg/dL	-0.53	0.03
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC70 0AU	180	99.69	4.81	4.79	93 mg/dL	-1.4	0.71
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC70 0AU	179	166.73	5.13	8.56	185 mg/dL	2.13	1.28
12	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	175	59.23	7.99	4.73	58.9 U/L	-0.07	0.72
13	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC70 0AU	144	107.32	11.36	12.19	116.1 U/L	0.72	2.03
14	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC70 0AU	164	112.44	10.29	11.57	104 U/L	-0.73	1.81



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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

SHRI DHANWANTRY AYURVEDIC COLLEGE &
HOSPITAL,
SECTOR 46-B, ,
Chandigarh,

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.