



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: 20483
LAB NAME: **VRIKSH HEALTHCARE**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 12/08/2024

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	Dry Chemistry	Fuji Dry Chemistry series	52	162.1	3.32	5.38	164 mg/dL	0.35	1.49
2	UREA	Dry Chemistry	Fuji Dry Chemistry series	61	100.16	3.08	3.09	100 mg/dL	-0.05	0.79
3	CREATININE	Dry Chemistry	Fuji Dry Chemistry series	63	4.26	5.46	0.23	4.2 mg/dL	-0.26	0.06
4	T.BILIRUBIN	Dry Chemistry	Fuji Dry Chemistry series	60	3.66	7.04	0.26	3.1 mg/dL	-2.15	0.07
5	T-PROTEIN	Dry Chemistry	Fuji Dry Chemistry series	63	4.9	5.6	0.27	4.7 g/dL	-0.74	0.07
6	ALBUMIN	Dry Chemistry	Fuji Dry Chemistry series	60	3.22	7.63	0.25	3.1 g/dL	-0.48	0.06
7	CALCIUM	Dry Chemistry	Fuji Dry Chemistry series	76	8.01	7.74	0.62	7.4 mg/dL	-0.98	0.14
8	URIC ACID	Dry Chemistry	Fuji Dry Chemistry series	66	5.63	3.23	0.18	5.4 mg/dL	-1.28	0.04
9	CHOLESTEROL	Dry Chemistry	Fuji Dry Chemistry series	61	101.12	5.1	5.15	101 mg/dL	-0.02	1.32
10	TRIGLYCERIDE	Dry Chemistry	Fuji Dry Chemistry series	63	194.82	5.41	10.55	186 mg/dL	-0.84	2.66
11	HDL	Dry Chemistry	Fuji Dry Chemistry series	58	19.86	4.7	0.93	20 mg/dL	0.15	0.25
12	SODIUM	Dry Chemistry	Fuji Dry Chemistry series	74	135.56	2.29	3.11	135 mmol/L	-0.18	0.72
13	POTASSIUM	Dry Chemistry	Fuji Dry Chemistry series	74	4.9	3.01	0.15	4.9 mmol/L	0	0.03
14	CHLORIDE	Dry Chemistry	Fuji Dry Chemistry series	72	97.51	3.39	3.3	91 mmol/L	-1.97	0.78
15	AST	Dry Chemistry	Fuji Dry Chemistry series	65	55.72	11.63	6.48	52 U/L	-0.57	1.61
16	ALT	Dry Chemistry	Fuji Dry Chemistry series	64	102.08	23.94	24.44	70 U/L	-1.31	6.11
17	ALP	Dry Chemistry	Fuji Dry Chemistry series	64	140.84	12.39	17.45	146 U/L	0.3	4.36



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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

VRIKSH HEALTHCARE,
29/A, 27TH MAIN HSR LAYOUT 1ST, NEXT TO
POLICE STATION,
Bangalore,

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.