



# 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: 14171

LAB NAME: **NU HOSPITALS PRIVATE LIMITED**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 19/08/2024

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	Any Analyser (Automation / Semi Automation )	1312	172.26	6.18	10.64	182 mg/dL	0.92	0.59
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	1176	94.01	7.55	7.1	91.9 mg/dL	-0.3	0.41
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation )	247	4.08	8.51	0.35	4.25 mg/dL	0.49	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	1170	3.92	12.66	0.5	4.44 mg/dL	1.04	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1277	5.2	7.8	0.41	5.23 g/dL	0.07	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	1248	3.18	7.77	0.25	3.18 g/dL	0	0.01
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	1041	9.27	5.45	0.51	8.96 mg/dL	-0.61	0.03
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation )	498	4.79	14.32	0.69	5.55 mg/dL	1.1	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1270	5.96	11.88	0.71	6.47 mg/dL	0.72	0.04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1276	103.57	7.7	7.97	95.5 mg/dL	-1.01	0.45
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1251	171.05	7.52	12.86	177 mg/dL	0.46	0.73
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	1021	25.02	12.74	3.19	33 mg/dL	2.5	0.2
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1499	134.52	3.11	4.18	130 mmol/L	-1.08	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1499	4.73	5.63	0.27	4.8 mmol/L	0.26	0.01



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15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1210	100.09	4.17	4.17	99 mmol/L	-0.26	0.24
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1225	57.63	17.05	9.82	48.7 U/L	-0.91	0.56
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1229	100.12	20.54	20.56	93.5 U/L	-0.32	1.17
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	1028	109.51	17.59	19.27	133.5 U/L	1.24	1.2

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

NU HOSPITALS PRIVATE LIMITED,  
DEPARTMENT OF LABORATORY MEDICINE, NH  
48 #75/2F2, M.C.ROAD,  
Tamil Nadu

#### Coordinator Contact Details:

E-Mail: [clinqc@cmcvellore.ac.in](mailto: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.



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						CV	SDPA			
1	D.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	362	0.65	39.12	0.25	0.49 mg/dL	-0.64	0.03

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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