



# 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: 7820

LAB NAME: **DISTRICT HOSPITAL REWA**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 21/08/2024

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	Biosystems	349	170	5.7	9.69	174.55 mg/dL	0.47	1.04
2	UREA	Urease UV / GLDH	Biosystems	337	89.81	5.75	5.17	93.79 mg/dL	0.77	0.56
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	265	3.86	8.72	0.34	4.41 mg/dL	1.62	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	311	3.63	13.41	0.49	3.55 mg/dL	-0.16	0.06
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	347	5.23	7.36	0.38	4.87 g/dL	-0.95	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	330	3.12	6.76	0.21	3.09 g/dL	-0.14	0.02
7	CALCIUM	Arsenazo III	Biosystems	259	9.39	8.67	0.81	9.66 mg/dL	0.33	0.1
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	157	4.67	15.74	0.73	4.47 mg/dL	-0.27	0.12
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	340	6.27	8.35	0.52	5.78 mg/dL	-0.94	0.06
10	CHOLESTEROL	CHOD-PAP	Biosystems	349	102.87	6.34	6.52	93.59 mg/dL	-1.42	0.7
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	335	167	6.69	11.17	149.19 mg/dL	-1.59	1.22
12	HDL	Direct method / Enzymatic colorimetric	Biosystems	283	24.01	12.81	3.08	28.53 mg/dL	1.47	0.37
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1499	134.52	3.11	4.18	130.82 mmol/L	-0.89	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1499	4.73	5.63	0.27	4.73 mmol/L	0	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1210	100.09	4.17	4.17	109.66 mmol/L	2.29	0.24
16	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	336	57.43	12.99	7.46	56.27 U/L	-0.16	0.81
17	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	335	104.51	14.86	15.53	110.77 U/L	0.4	1.7
18	ALP	PNP AMP kinetic	Biosystems	324	109.1	12.57	13.71	119.29 U/L	0.74	1.52



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



### MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 7820

LAB NAME: **DISTRICT HOSPITAL REWA**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 21/08/2024

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			
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation )	294	76.13	23.41	17.82	56.23 U/L	-1.12	2.08
20	IRON	Ferro Zine ( No Protein Removal )	Biosystems	89	119.17	6.07	7.24	140.45 ug/dL	2.94	1.53

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

DISTRICT HOSPITAL REWA,  
KUSHABHAU THAKRE DH REWA,  
Rewa,  
Madya Pradesh

#### 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.