



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 20286

LAB NAME: **RECOVER PATHOLOGY LABORATORY**

CONSTITUENT GROUP

**Chemistry I**

Date of Result Entered: 08/06/2024

Date of Result Published: 27/06/2024

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	Mindray	278	315.4	5.43	17.12	338 mg/dL	1.32	2.05
2	UREA	Urease UV / GLDH	Mindray	345	80.39	6.54	5.26	82.05 mg/dL	0.32	0.57
3	CREATININE	Enzymatic Colorimetric	Mindray	117	1.71	6.02	0.1	1.74 mg/dL	0.29	0.02
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	297	2.58	14.79	0.38	2.44 mg/dL	-0.37	0.04
5	T-PROTEIN	Biuret - Colorimetric	Mindray	344	5.33	5.92	0.32	5.5 g/dL	0.54	0.03
6	ALBUMIN	BCG - colorimetric	Mindray	336	3.32	5.09	0.17	3.1 g/dL	-1.3	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	341	3.65	7.84	0.29	3.9 mg/dL	0.87	0.03
8	CHOLESTEROL	CHOD-PAP	Mindray	342	112.56	5.99	6.74	109.7 mg/dL	-0.42	0.73
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	337	106.34	8.34	8.87	118.1 mg/dL	1.33	0.97
10	HDL	Direct method / Enzymatic colorimetric	Mindray	285	25.22	7.77	1.96	25.1 mg/dL	-0.06	0.23
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1464	125.91	3.67	4.62	122.33 mmol/L	-0.77	0.24
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1475	3.11	6.92	0.22	3.96 mmol/L	3.95	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1188	93.81	5.06	4.75	94.2 mmol/L	0.08	0.28
14	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	327	77.15	8.43	6.51	80.9 U/L	0.58	0.72
15	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	334	221.15	17.29	38.24	234.8 U/L	0.36	4.18
16	ALP	PNP AMP kinetic	Mindray	252	51.49	16.1	8.29	55.3 U/L	0.46	1.04



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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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RAJAPUR,  
West Bengal

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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,  
CMC EQAS Coordinator,  
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