



**CHRISTIAN MEDICAL COLLEGE**  
VELLORE, TAMIL NADU - 632004. INDIA  
**DEPARTMENT OF CLINICAL BIOCHEMISTRY**  
CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

**MONTHLY SUMMARY REPORT - JULY 2024**

LAB NO: 9345  
LAB NAME: MKAS HEALTH CARE SERVICES PVT LTD

CONSTITUENT GROUP  
**Chemistry I**

Date of Result Entered: 21/07/2024

Date of Result Published: 08/08/2024

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	347	124.47	4.84	6.02	116 mg/dL	-1.41	0.65
2	UREA	Urease UV / GLDH	Biosystems	335	45.35	8.21	3.72	43 mg/dL	-0.63	0.41
3	CREATININE	Enzymatic Colorimetric	Biosystems	50	2.48	7.15	0.18	2.37 mg/dL	-0.61	0.05
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	312	6.77	9.63	0.65	6.05 mg/dL	-1.11	0.07
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	346	5.38	7.24	0.39	5.39 g/dL	0.03	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	328	3.2	6.63	0.21	2.91 g/dL	-1.38	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	338	8.85	6.5	0.58	8.26 mg/dL	-1.02	0.06
8	CHOLESTEROL	CHOD-PAP	Biosystems	348	107.03	5.95	6.37	98 mg/dL	-1.42	0.68
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	333	124.85	8.41	10.49	118 mg/dL	-0.65	1.15
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	283	24.41	16.11	3.93	23.3 mg/dL	-0.28	0.47
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1469	133.18	3.17	4.23	126.8 mmol/L	-1.51	0.22
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1472	3.82	4.9	0.19	3.58 mmol/L	-1.26	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1198	97.9	4.58	4.48	91.4 mmol/L	-1.45	0.26
14	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	334	112.31	10.5	11.79	83.8 U/L	-2.42	1.29
15	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	332	52.85	16.42	8.68	42 U/L	-1.25	0.95
16	ALP	PNP AMP kinetic	Biosystems	324	178.37	12.56	22.4	153 U/L	-1.13	2.49

NO outlier observed such that NO CAPA Required.

*(Signature)*



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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

MKAS HEALTH CARE SERVICES PVT LTD,  
DR. HIMADRI SEKHAR PAUL, SANJAY HEIGHTS,  
PROOF ROAD,  
ODISHA

#### 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.