



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



PC-1024

**MONTHLY SUMMARY REPORT - FEBRUARY 2024**

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

**CONSTITUENT GROUP**  
**Chemistry I**

PT Item: Lyophilized human serum based

Date of Result Entered: 18/02/2024

Date of Result Published: 05/03/2024

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Biosystems	317	252.34	4.1	10.35	254 mg/dL	0.16	1.16
2	UREA	Urease UV / GLDH	Biosystems	309	60.93	7.64	4.66	62 mg/dL	0.23	0.53
3	CREATININE	Enzymatic Colorimetric	Biosystems	37	5.53	9.9	0.55	5.85 mg/dL	0.58	0.18
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	272	2.82	14.66	0.41	3.24 mg/dL	1.02	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	326	5.41	6.58	0.36	5.59 g/dL	0.5	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	315	3.21	7.85	0.25	3.2 g/dL	-0.04	0.03
7	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	308	7.95	7.4	0.59	6.87 mg/dL	-1.83	0.07
8	CHOLESTEROL	CHOD-PAP	Biosystems	334	115.74	5.78	6.69	118 mg/dL	0.34	0.73
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	298	191.15	5.98	11.43	176 mg/dL	-2.08	1.32
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	232	28.28	11.91	3.37	24 mg/dL	-1.27	0.44
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1320	127.25	3.44	4.38	124 mmol/L	-0.74	0.24
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1314	4.73	5.28	0.25	4.52 mmol/L	-0.84	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1025	97.11	3.9	3.79	92.4 mmol/L	-1.24	0.24
14	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	316	74.19	10.66	7.91	74 U/L	-0.02	0.89
15	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	314	96.36	12.87	12.4	113 U/L	1.34	1.4
16	ALP	PNP AMP kinetic	Biosystems	307	92.78	11.41	10.59	74 U/L	-1.77	1.21

*No outlier observed such that no CAPA Required.*

*Paul*



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



PC-1024

**MONTHLY SUMMARY REPORT - FEBRUARY 2024**

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

**CONSTITUENT GROUP**  
**Chemistry I**

Date of Result Entered: 18/02/2024  
Date of Result Published: 05/03/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			

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)

*Pamela Christudoss*  
Dr. Pamela Christudoss,  
CMC EQAS Coordinator,  
Christian Medical College, Vellore.

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

**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 \*\*\*\*\*