



**CHRISTIAN MEDICAL COLLEGE**  
VELLORE, TAMIL NADU - 632004. INDIA

**DEPARTMENT OF CLINICAL BIOCHEMISTRY**  
CMC EXTERNAL QUALITY ASSURANCE SCHEME



**MONTHLY SUMMARY REPORT - APRIL 2024**

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

CONSTITUENT GROUP  
**Chemistry I**

Date of Result Entered: 20/04/2024  
Date of Result Published: 08/05/2024

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	318	122.86	5.19	6.38	126 mg/dL	0.49	0.72
2	UREA	Urease UV / GLDH	Biosystems	316	35.46	7.64	2.71	36 mg/dL	0.2	0.3
3	CREATININE	Enzymatic Colorimetric	Biosystems	43	1.68	7.43	0.13	1.6 mg/dL	-0.62	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	223	1.88	10.57	0.2	1.78 mg/dL	-0.5	0.03
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	326	5.27	6.73	0.35	5.68 g/dL	1.17	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	317	3.17	8.4	0.27	3.42 g/dL	0.93	0.03
7	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	315	5.35	8.07	0.43	4.95 mg/dL	-0.93	0.05
8	CHOLESTEROL	CHOD-PAP	Biosystems	327	111.19	5.62	6.25	111 mg/dL	-0.03	0.69
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	307	143.14	7.02	10.04	137 mg/dL	-0.61	1.15
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	213	26.65	10.5	2.8	25.2 mg/dL	-0.52	0.38
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1399	130.9	3.46	4.53	128.1 mmol/L	-0.62	0.24
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1411	3.21	6.33	0.2	3.08 mmol/L	-0.65	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1146	95.31	4.89	4.66	94.9 mmol/L	-0.09	0.28
14	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	307	106.25	10.13	10.76	96 U/L	-0.95	1.23
15	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	296	41.52	12.23	5.08	52 U/L	2.05	0.59
16	ALP	PNP AMP kinetic	Biosystems	298	186.93	11.66	21.79	252 U/L	2.99	2.52

NO Outlier Observed Such that NO CAPA Required

*Actual*



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PC-1024

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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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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 \*\*\*\*\*