



CHRISTIAN MEDICAL COLLEGE
VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - MARCH 2024

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

CONSTITUENT GROUP
Chemistry I

Date of Result Entered: 18/03/2024
Date of Result Published: 06/04/2024

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	330	167.44	5.46	9.14	182 mg/dL	1.59	1.01
2	UREA	Urease UV / GLDH	Biosystems	314	24.8	10.71	2.65	23 mg/dL	-0.68	0.3
3	CREATININE	Enzymatic Colorimetric	Biosystems	38	0.9	15.96	0.14	0.68 mg/dL	-1.57	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	221	0.66	18.78	0.12	0.71 mg/dL	0.42	0.02
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	335	5.7	6.3	0.36	5.75 g/dL	0.14	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	319	3.41	7.9	0.27	3.68 g/dL	1	0.03
7	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	310	3.8	10.02	0.38	3.94 mg/dL	0.37	0.04
8	CHOLESTEROL	CHOD-PAP	Biosystems	324	117.42	5.51	6.47	117 mg/dL	-0.06	0.72
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	309	91.14	9.07	8.26	88 mg/dL	-0.38	0.94
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	240	29.92	11.97	3.58	27 mg/dL	-0.82	0.46
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1339	137.32	2.73	3.75	134 mmol/L	-0.89	0.2
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1366	3.58	4.83	0.17	3.53 mmol/L	-0.29	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1112	103.75	3.6	3.74	102 mmol/L	-0.47	0.22
14	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	302	58.65	10.24	6.01	60 U/L	0.55	0.69
15	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	286	89.78	11.43	10.26	96 U/L	1.52	1.21
16	ALP	PNP AMP kinetic	Biosystems	296	125.97	10.51	13.24	124 U/L	-0.15	1.54

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,
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PROOF ROAD,
ODISHA

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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,
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Christian Medical College, Vellore.