



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



PC-1024

MONTHLY SUMMARY REPORT - MAY 2024

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

CONSTITUENT GROUP
Chemistry I

Date of Result Entered: 17/05/2024

Date of Result Published: 30/05/2024

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	334	171.05	4.94	8.45	171 mg/dL	-0.01	0.93
2	UREA	Urease UV / GLDH	Biosystems	318	89.65	6.63	5.94	90 mg/dL	0.06	0.67
3	CREATININE	Enzymatic Colorimetric	Biosystems	42	3.93	6.8	0.27	3.74 mg/dL	-0.7	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	220	3.68	9.72	0.36	3.16 mg/dL	-1.44	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	329	5.19	5.96	0.31	5.98 g/dL	1.23	0.03
6	ALBUMIN	BCG - colorimetric	Biosystems	318	3.1	7.75	0.24	2.59 g/dL	-2.13	0.03
7	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	305	6.32	7.85	0.5	5.91 mg/dL	-0.82	0.06
8	CHOLESTEROL	CHOD-PAP	Biosystems	326	103.63	6.79	7.04	98 mg/dL	-0.8	0.78
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	318	166.77	6.6	11	149 mg/dL	-1.62	1.23
10	HDL	Direct method / Enzymatic colorimetric	Biosystems	204	24.39	10.89	2.66	21.7 mg/dL	-1.01	0.37
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1410	134.02	3.08	4.13	131.1 mmol/L	-0.71	0.22
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1427	4.73	5.73	0.27	4.62 mmol/L	-0.41	0.01
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1167	99.99	4.28	4.28	96.4 mmol/L	-0.84	0.25
14	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	309	57.15	10.51	6.01	63.4 U/L	1.04	0.68
15	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	252	106.44	11.41	12.14	80.1 U/L	-2.17	1.53
16	ALP	PNP AMP kinetic	Biosystems	300	106.25	11.56	12.29	119 U/L	1.04	1.42

NO outlier observed such that no CAPA Required.

Actual



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



MONTHLY SUMMARY REPORT - MAY 2024

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

CONSTITUENT GROUP
Chemistry I

Date of Result Entered: 17/05/2024
Date of Result Published: 30/05/2024

PT Item: Lyophilized human serum based

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

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:

E-Mail: 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 *****

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