



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: 20179

LAB NAME: ARAMBAGH DIAGNOSTIC SCAN CENTRE

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 12/07/2024

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	126 mg/dL	0.25	0.65
2	UREA ✓	Urease UV / GLDH	Biosystems	335	45.35	8.21	3.72	46 mg/dL	0.17	0.41
3	CREATININE ✓	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	965	2.37	11.19	0.27	2.34 mg/dL	-0.11	0.02
4	T.BILIRUBIN ✓	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	312	6.77	9.63	0.65	7.05 mg/dL	0.43	0.07
5	T-PROTEIN ✓	Biuret - Colorimetric	Biosystems	346	5.38	7.24	0.39	5.75 g/dL	0.95	0.04
6	ALBUMIN ✓	BCG - colorimetric	Biosystems	328	3.2	6.63	0.21	3.28 g/dL	0.38	0.02
7	CALCIUM ✓	OCPC (O - Cresolphthalein Complexone)	Any Analyser (Automation / Semi Automation)	245	9.6	7.57	0.73	10.22 mg/dL	0.85	0.09
8	PHOSPHORUS ✓	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	504	7.73	15.8	1.22	7.74 mg/dL	0.01	0.11
9	URIC ACID ✓	Enzymatic / Uricase Colorimetric	Biosystems	338	8.85	6.5	0.58	9.79 mg/dL	1.62	0.06
10	CHOLESTEROL ✓	CHOD-PAP	Biosystems	348	107.03	5.95	6.37	112 mg/dL	0.78	0.68
11	TRIGLYCERIDE ✓	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	333	124.85	8.41	10.49	126 mg/dL	0.11	1.15
12	HDL ✓	Direct method / Enzymatic colorimetric	Biosystems	283	24.41	16.11	3.93	25.2 mg/dL	0.2	0.47
13	SODIUM ✓	ISE - Direct	Any Analyser (Automation / Semi Automation)	1469	133.18	3.17	4.23	130.4 mmol/L	-0.66	0.22
14	POTASSIUM ✓	ISE - Direct	Any Analyser (Automation / Semi Automation)	1472	3.82	4.9	0.19	3.86 mmol/L	0.21	0.01
15	CHLORIDE ✓	ISE - Direct	Any Analyser (Automation / Semi Automation)	1198	97.9	4.58	4.48	105.4 mmol/L	1.67	0.26
16	AST ✓	UV kinetic(with & without PLP (P-5-P))	Biosystems	334	112.31	10.5	11.79	111 U/L	-0.11	1.29

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17	ALT ✓	UV kinetic(with & without PLP (P-5-P))	Biosystems	332	52.85	16.42	8.68	46 U/L	-0.79	0.95
18	ALP ✓	PNP AMP kinetic	Biosystems	324	178.37	12.56	22.4	201 U/L	1.01	2.49
19	AMYLASE ✓	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	296	43.49	23.91	10.4	43 U/L	-0.05	1.21

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

ARAMBAGH DIAGNOSTIC SCAN CENTRE,
NAZRUL MARKET, 1ST FLOOR, NEAR BUS
STAND, ARAMBAGH,
West Bengal

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.

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						CV	SDPA			
1	D.BILIRUBIN ✓	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	79	1.14	36.86	0.42	1.13 mg/dL	-0.02	0.09
2	LDL ✓	Direct method / Enzymatic colorimetric	Biosystems	39	64.06	15.41	9.87	78 mg/dL	1.41	3.16

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)

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