



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004, INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 5395

LAB NAME: AGILUS PATHLABS-DR.PHADKE LABS - DR.TECKCH

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 12/06/2024

Date of Result Published: 27/06/2024

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	Transasia / Erba	1121	320.64	6.7	21.49	337 mg/dL	0.76	1.28
2	UREA	Urease UV / GLDH	Transasia / Erba	1081	79.92	8.37	6.69	81.1 mg/dL	0.18	0.41
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	556	1.64	6.81	0.11	1.62 mg/dL	-0.18	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendressik	Transasia / Erba	1091	2.49	10.68	0.27	2.35 mg/dL	-0.53	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1121	5.52	7.05	0.39	5 g/dL	-1.34	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1102	3.33	5.62	0.19	3.4 g/dL	0.37	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	791	10	7	0.7	10.3 mg/dL	0.43	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	536	5.69	10.23	0.58	5.75 mg/dL	0.1	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1076	3.66	9.89	0.36	3.6 mg/dL	-0.17	0.02
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1110	109.19	8.42	9.19	112 mg/dL	0.31	0.55
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1075	83.71	13.03	10.9	86 mg/dL	0.21	0.67
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	883	26.79	12.02	3.22	25 mg/dL	-0.56	0.22
13	SODIUM	Dry Chemistry	Fuji Dry Chemistry series	72	125.36	3.38	4.24	127 mmol/L	0.39	1
14	POTASSIUM	Dry Chemistry	Fuji Dry Chemistry series	71	3.01	4.61	0.14	3 mmol/L	-0.07	0.03
15	CHLORIDE	Dry Chemistry	Fuji Dry Chemistry series	69	89.85	4.02	3.61	92 mmol/L	0.6	0.87
16	BICARBONATE	Dry Chemistry	Fuji Dry Chemistry series	28	17.37	20.77	3.61	19 mmol/L	0.45	1.36
17	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1028	76.47	10.3	7.88	74 U/L	-0.31	0.49
18	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1047	200.4	20.07	40.23	151 U/L	-1.23	2.49
19	ALP	PNP AMP kinetic	Transasia / Erba	1000	44.83	20.18	9.05	46 U/L	0.13	0.57



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20	AMYLASE	Dry Chemistry	Fuji Dry Chemistry series	60	102.94	5.33	5.49	101 U/L	-0.35	1.42

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

AGILUS PATHLABS-DR.PHADKE LABS -
DR.TECKCHANDANI LAB.,
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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 *****



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