



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: 0643

LAB NAME: **ADICHUNCHANAGIRI HOSPITAL & RES.CENTRE**

CONSTITUENT GROUP

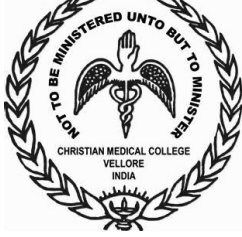
Chemistry I

Date of Result Entered: 20/06/2024

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	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	291	293.61	3.3	9.7	294 mg/dL	0.04	1.14
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	81.22	3.89	3.16	92.6 mg/dL	3.6	0.37
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	1.62	5.3	0.09	1.5 mg/dL	-1.4	0.01
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	2.46	6.34	0.16	3 mg/dL	3.46	0.02
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	299	5.19	3.14	0.16	5.3 g/dL	0.67	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	2.97	4.47	0.13	3.1 g/dL	0.98	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	275	9.51	3.33	0.32	9.4 mg/dL	-0.35	0.04
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	217	5.55	4.86	0.27	6 mg/dL	1.67	0.04
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	287	3.49	4.16	0.14	3.6 mg/dL	0.76	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	269	108.47	5.57	6.04	120 mg/dL	1.91	0.74
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	273	115.45	5.66	6.53	126 mg/dL	1.61	0.79
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	264	22.81	6.09	1.39	23 mg/dL	0.14	0.17
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1464	125.91	3.67	4.62	129 mmol/L	0.67	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1475	3.11	6.92	0.22	3 mmol/L	-0.51	0.01



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						CV	SDPA			
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1188	93.81	5.06	4.75	101 mmol/L	1.51	0.28
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	297	96.13	7.35	7.06	101 U/L	0.69	0.82
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	295	239.98	9.5	22.8	254 U/L	0.61	2.65
18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	301	51.81	7.89	4.09	45 U/L	-1.67	0.47
19	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	174	68.38	9.67	6.61	84 U/L	2.36	1
20	MAGNESIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	126	1.43	7.34	0.1	1.7 mg/dL	2.57	0.02

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

ADICHUNCHANAGIRI HOSPITAL & RES.CENTRE,
NAGAMANGALA TQ, MANDYA DISTRICT,
Karnataka

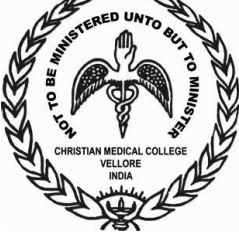
Coordinator Contact Details:

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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CONSTITUENT GROUP

HbA1c

Date of Result Entered: 20/06/2024

Date of Result Published: 27/06/2024

PT Item: Lyophilized human whole blood based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	HPLC-Ion Exchange	Any Analyser	223	5.21	8.98	0.47	4.8 %	-0.88	0.06

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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