



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: 16223
LAB NAME: **MEDIGO MULTI SPECIALITY HOSPITAL**

CONSTITUENT GROUP
Chemistry I

Date of Result Entered: 19/06/2024

Date of Result Published: 05/07/2024

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	Any Analyser (Automation / Semi Automation)	778	177.34	6.73	11.94	170 mg/dL	-0.61	0.86
2	UREA	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	300	100.77	3.85	3.88	100 mg/dL	-0.2	0.45
3	CREATININE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	302	3.03	3.83	0.12	2.8 mg/dL	-1.98	0.01
4	T.BILIRUBIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	2.76	8.73	0.24	2.6 mg/dL	-0.66	0.03
5	T-PROTEIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	302	4.8	4	0.19	5 g/dL	1.04	0.02
6	ALBUMIN	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	301	2.89	5.23	0.15	2.9 g/dL	0.07	0.02
7	CALCIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	294	9.39	4.14	0.39	9.8 mg/dL	1.05	0.05
8	PHOSPHORUS	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	238	4.18	5.93	0.25	4.7 mg/dL	2.1	0.03
9	URIC ACID	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	291	6.31	2.73	0.17	6.7 mg/dL	2.27	0.02
10	CHOLESTEROL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	277	97.27	5.55	5.4	82 mg/dL	-2.83	0.65
11	TRIGLYCERIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	279	201.94	3.33	6.73	173 mg/dL	-4.3	0.81
12	HDL	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	274	20.5	6.92	1.42	24 mg/dL	2.47	0.17
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1094	134.67	3	4.05	136.5 mmol/L	0.45	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1068	3.11	5.69	0.18	3.18 mmol/L	0.4	0.01



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						CV	SDPA			
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	901	97.48	4.28	4.17	94.3 mmol/L	-0.76	0.28
16	AST	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	299	75.41	5.79	4.36	70 U/L	-1.24	0.5
17	ALT	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	298	96.09	8.23	7.91	106 U/L	1.25	0.92
18	ALP	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	311	60.38	8.66	5.23	64 U/L	0.69	0.59
19	AMYLASE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	125	42.83	11.04	4.73	35.2 U/L	-1.61	0.85
20	IRON	TPTZ (Tripyridyl-S-triazine)	Beckman AU480/680/5800/DXC70 0AU	61	121.93	6.38	7.77	114 ug/dL	-1.02	1.99
21	MAGNESIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	108	1.7	7.82	0.13	0.9 mg/dL	-6.02	0.03

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

MEDIGO MULTI SPECIALITY HOSPITAL,
A UNIT OF ANJADRI MULTI SPECIALITY
HOSPITAL PVT. LTD, D.NO.22-4-50/1, REVENUE
WARD NO.22 KARAMKAMBADI ROAD, ,

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.