



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2023



Lab Name **MEDICAL TRUST HOSPITAL**

Lab No **16996**

Constituent Group **Chemistry I**

Date of Result Entered : **17/01/2023**

PT item **Lyophilized Serum**

Date of Report Published : **09/02/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	833	180.45	5.35	9.65	182.8 mg/dL	0.24	0.67
2	UREA	Urease UV / GLDH	Transasia / Erba	816	30.96	8.71	2.70	29.1 mg/dL	-0.69	0.19
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	418	1.36	8.14	0.11	1.41 mg/dL	0.45	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	839	3.12	10.70	0.33	3.05 mg/dL	-0.21	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	820	5.58	7.50	0.42	6.1 g/dL	1.24	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	872	3.27	5.69	0.19	3.44 g/dL	0.91	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	603	9.60	7.91	0.76	9.6 mg/dL	0.00	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	823	4.88	9.34	0.46	4.9 mg/dL	0.04	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	847	106.43	8.10	8.62	114 mg/dL	0.88	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	818	90.47	9.90	8.95	92.1 mg/dL	0.18	0.63
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	652	26.78	9.81	2.63	27.6 mg/dL	0.31	0.21
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	132.67	2.93	3.88	136.4 mmol/L	0.96	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	997	3.42	5.15	0.18	3.48 mmol/L	0.34	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	809	97.51	4.13	4.03	101.9 mmol/L	1.09	0.28
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	827	51.39	10.89	5.60	54 U/L	0.47	0.39
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	61.18	12.22	7.48	69.4 U/L	1.10	0.52
17	ALP	PNP AMP kinetic	Transasia / Erba	785	105.43	15.29	16.12	99 U/L	-0.40	1.15
18	AMYLASE	CNPG3	Transasia / Erba	407	33.02	16.95	5.60	26 U/L	-1.25	0.55

SDI Range

Interpretation

Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :

**MEDICAL TRUST HOSPITAL
KUZHUPPILLY, AYYAMPILLY,
KERNAKULAM
KERALA682501**

**Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102**



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

**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 *******