



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name **SEROPLASMA SPECIALITY
LABORATORY**

Lab No **14117**

Constituent Group **Chemistry I**

Date of Result Entered : **17/03/2022**

PT item **Lyophilized Serum**

Date of Report Published : **06/04/2022**

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	869	113.50	6.71	7.61	121.9 mg/dL	1.10	0.52
2	UREA	Urease UV / GLDH	Transasia / Erba	841	84.12	7.12	5.99	87.8 mg/dL	0.61	0.41
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	409	4.28	6.03	0.26	4.15 mg/dL	-0.50	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	845	1.44	15.11	0.22	1.42 mg/dL	-0.09	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	896	5.30	7.47	0.40	5.27 g/dL	-0.08	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	887	3.07	6.28	0.19	2.69 g/dL	-1.97	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	592	8.97	8.58	0.77	8.9 mg/dL	-0.09	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	820	8.55	7.65	0.65	8.9 mg/dL	0.54	0.05
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	910	100.78	9.11	9.18	102 mg/dL	0.13	0.61
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	833	187.85	7.94	14.92	202.4 mg/dL	0.98	1.03
11	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	745	229.37	10.37	23.79	258.6 U/L	1.23	1.74
12	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	716	147.91	13.68	20.23	164.9 U/L	0.84	1.51
13	ALP	PNP AMP kinetic	Transasia / Erba	749	202.54	15.42	31.23	190 U/L	-0.40	2.28

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 :

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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 *****

