



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **AMAR HOSPITAL** Lab No **6256**
Constituent Group **Chemistry I** Date of Result Entered : **17/10/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/11/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	977	375.70	5.92	22.24	359 mg/dL	-0.75	1.42
2	UREA	Urease UV / GLDH	Transasia / Erba	959	43.19	8.83	3.81	42 mg/dL	-0.31	0.25
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	474	6.95	9.88	0.69	7 mg/dL	0.07	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	950	1.30	14.34	0.19	1.3 mg/dL	0.00	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	974	5.15	7.24	0.37	5 g/dL	-0.40	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3.10	4.94	0.15	3 g/dL	-0.65	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	11.65	7.89	0.92	12.7 mg/dL	1.14	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	412	3.85	9.91	0.38	4 mg/dL	0.39	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	951	10.95	8.33	0.91	11 mg/dL	0.05	0.06
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1001	99.45	8.00	7.95	93 mg/dL	-0.81	0.50
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	829	62.88	11.26	7.08	60 mg/dL	-0.41	0.49
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	731	25.99	11.80	3.07	29 mg/dL	0.98	0.23
13	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	129	143.59	1.71	2.46	141 mmol/L	-1.05	0.43
14	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	128	6.12	2.19	0.13	5.99 mmol/L	-1.00	0.02
15	CHLORIDE	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	125	100.02	1.60	1.60	102 mmol/L	1.24	0.29
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	966	95.96	10.06	9.65	97 U/L	0.11	0.62
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	923	123.06	14.72	18.12	135 U/L	0.66	1.19
18	ALP	PNP AMP kinetic	Transasia / Erba	837	457.83	15.22	69.68	444 U/L	-0.20	4.82
19	AMYLASE	CNPG3	Transasia / Erba	454	121.97	15.96	19.47	119 U/L	-0.15	1.83
20	MAGNESIUM	Xylidyl Blue	Transasia / Erba	67	1.66	15.57	0.26	1.5 mg/dL	-0.62	0.06

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 *****