



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - DECEMBER 2022



PC-1024

Lab Name AMRUTHA CLINICAL LABORATORY Lab No 1929
Constituent Group Chemistry I Date of Result Entered : 09/12/2022
PT Item Lyophilized Serum Date of Report Published : 05/01/2023

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	954	183.94	6.23	11.46	189 mg/dL	0.44	0.74
2	UREA	Urease UV / GLDH	Transasia / Erba	900	100.68	7.01	7.06	95 mg/dL	-0.80	0.47
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	467	3.10	9.41	0.29	3.3 mg/dL	0.68	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	921	3.02	9.63	0.29	3.6 mg/dL	1.99	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	906	5.29	7.46	0.40	5.3 g/dL	0.03	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3.09	5.82	0.18	3.2 g/dL	0.61	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	642	10.38	7.72	0.80	11 mg/dL	0.77	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	434	4.25	13.66	0.58	3.7 mg/dL	-0.95	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	912	7.19	8.34	0.60	8.2 mg/dL	1.68	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	939	99.02	8.61	8.53	97 mg/dL	-0.24	0.56
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	881	157.78	7.36	11.61	154 mg/dL	-0.33	0.78
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	713	25.80	12.00	3.10	30 mg/dL	1.36	0.23
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1094	134.67	3.00	4.04	128 mmol/L	-1.65	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1068	3.11	5.69	0.18	2.9 mmol/L	-1.19	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	901	97.48	4.28	4.17	89 mmol/L	-2.03	0.28
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	876	62.23	10.65	6.63	64 U/L	0.27	0.45
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	806	87.62	12.28	10.76	69 U/L	-1.73	0.76
18	ALP	PNP AMP kinetic	Transasia / Erba	861	64.88	16.19	10.51	170 U/L	10	0.72
19	AMYLASE	CNPG3	Transasia / Erba	393	32.93	18.30	6.02	44 U/L	1.84	0.61

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 :
AMRUTHA CLINICAL LABORATORY