



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Lab Name	FEROKE NEETHI MEDICAL LAB	Lab No	14870
Constituent Group	Chemistry I	Date of Result Entered :	13/10/2023
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		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	977	375.70	5.92	22.24	392.6 mg/dL	0.76	1.42
2	UREA	Urease UV / GLDH	Transasia / Erba	959	43.19	8.83	3.81	46.7 mg/dL	0.92	0.25
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	487	7.52	5.31	0.40	7.4 mg/dL	-0.30	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	950	1.30	14.34	0.19	1.26 mg/dL	-0.22	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	974	5.15	7.24	0.37	5.04 g/dL	-0.29	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3.10	4.94	0.15	2.98 g/dL	-0.78	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	11.65	7.89	0.92	13.5 mg/dL	2.01	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	412	3.85	9.91	0.38	3.68 mg/dL	-0.44	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	951	10.95	8.33	0.91	13.3 mg/dL	2.58	0.06
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1001	99.45	8.00	7.95	90 mg/dL	-1.19	0.50
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	829	62.88	11.26	7.08	62.7 mg/dL	-0.03	0.49
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	731	25.99	11.80	3.07	23.4 mg/dL	-0.84	0.23
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1261	137.19	2.84	3.90	136.3 mmol/L	-0.23	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1266	5.62	6.65	0.37	5.89 mmol/L	0.72	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1070	102.76	4.00	4.11	101.2 mmol/L	-0.38	0.25
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	966	95.96	10.06	9.65	100.7 U/L	0.49	0.62
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	923	123.06	14.72	18.12	114 U/L	-0.50	1.19
18	ALP	PNP AMP kinetic	Transasia / Erba	837	457.83	15.22	69.68	461 U/L	0.05	4.82

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 :

FEROKE NEETHI MEDICAL LAB

Run by Feroke Service Co-Operative Bank Ltd, NEAR ESI HOSPITAL, FEROKE

KOZHIKODE
KERALA673631

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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 *******