



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**  
Constituent Group **Chemistry I** Date of Result Entered : **17/08/2023**  
PT item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

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	971	67.10	7.19	4.82	63 mg/dL	-0.85	0.31
2	UREA	Urease UV / GLDH	Transasia / Erba	941	18.54	11.04	2.05	15.8 mg/dL	-1.34	0.13
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	498	0.78	11.68	0.09	0.62 mg/dL	-1.76	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	891	0.78	17.35	0.14	0.52 mg/dL	-1.91	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	961	5.93	7.09	0.42	6.52 g/dL	1.40	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1015	3.50	5.51	0.19	3.72 g/dL	1.14	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	702	9.86	7.57	0.75	9.6 mg/dL	-0.35	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	445	3.68	10.77	0.40	3.75 mg/dL	0.18	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	943	3.89	8.59	0.33	3.2 mg/dL	-2.07	0.02
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	981	120.52	7.26	8.74	126 mg/dL	0.63	0.56
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	921	95.56	11.05	10.56	99.4 mg/dL	0.36	0.70
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	746	28.87	10.70	3.09	28.7 mg/dL	-0.06	0.23
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1322	128.60	3.32	4.28	124.6 mmol/L	-0.94	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1231	2.57	8.26	0.21	2.44 mmol/L	-0.61	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1053	97.12	4.32	4.20	94.8 mmol/L	-0.55	0.26
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	964	33.97	13.39	4.55	33.3 U/L	-0.15	0.29
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	886	26.00	17.22	4.48	24.7 U/L	-0.29	0.30
18	ALP	PNP AMP kinetic	Transasia / Erba	929	107.17	15.28	16.38	99 U/L	-0.50	1.07

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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*Pamela Christudoss*

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**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 \*\*\*\*\***