



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**  
 Constituent Group **Chemistry I** Date of Result Entered : **15/07/2023**  
 PT item **Lyophilized human serum based** Date of Report Published : **07/08/2023**

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	958	290.09	5.86	17.01	297.2 mg/dL	0.42	1.10
2	UREA	Urease UV / GLDH	Transasia / Erba	936	65.47	7.64	5.00	61.7 mg/dL	-0.75	0.33
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	477	4.42	5.66	0.25	4 mg/dL	-1.68	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	949	3.51	9.32	0.33	4.11 mg/dL	1.83	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	968	6.14	6.87	0.42	6.33 g/dL	0.45	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	983	3.59	5.24	0.19	3.74 g/dL	0.80	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	10.28	7.24	0.74	9.6 mg/dL	-0.91	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	443	5.35	8.25	0.44	5.53 mg/dL	0.41	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	932	6.10	7.64	0.47	6.7 mg/dL	1.29	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	936	121.13	6.92	8.38	121 mg/dL	-0.02	0.55
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	692	138.26	7.58	10.48	134 mg/dL	-0.41	0.80
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	726	29.95	10.29	3.08	34.7 mg/dL	1.54	0.23
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1249	133.23	2.96	3.95	129 mmol/L	-1.07	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1240	4.26	4.44	0.19	4.2 mmol/L	-0.32	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1027	100.95	3.91	3.95	98.6 mmol/L	-0.59	0.25
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	915	204.74	8.96	18.35	234.3 U/L	1.61	1.21
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	927	277.56	11.78	32.69	280.2 U/L	0.08	2.15
18	ALP	PNP AMP kinetic	Transasia / Erba	918	210.77	15.90	33.52	220 U/L	0.28	2.21

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*

**Dr. 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 \*\*\*\*\***