



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
Constituent Group **Chemistry I** Date of Result Entered : **11/01/2023**
PT item **Lyophilized human serum based** Date of Report Published : **09/02/2023**

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	833	180.45	5.35	9.65	166.1 mg/dL	-1.49	0.67
2	UREA	Urease UV / GLDH	Transasia / Erba	816	30.96	8.71	2.70	26.7 mg/dL	-1.58	0.19
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	418	1.36	8.14	0.11	1.23 mg/dL	-1.17	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	839	3.12	10.70	0.33	3.23 mg/dL	0.33	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	820	5.58	7.50	0.42	5.42 g/dL	-0.38	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	872	3.27	5.69	0.19	3.12 g/dL	-0.81	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	603	9.60	7.91	0.76	9.4 mg/dL	-0.26	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	414	6.21	8.97	0.56	5.93 mg/dL	-0.50	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	823	4.88	9.34	0.46	4.5 mg/dL	-0.83	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	847	106.43	8.10	8.62	99 mg/dL	-0.86	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	818	90.47	9.90	8.95	84.9 mg/dL	-0.62	0.63
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	652	26.78	9.81	2.63	21.1 mg/dL	-2.16	0.21
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	132.67	2.93	3.88	127.9 mmol/L	-1.23	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	997	3.42	5.15	0.18	3.33 mmol/L	-0.51	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	809	97.51	4.13	4.03	96.5 mmol/L	-0.25	0.28
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	827	51.39	10.89	5.60	53.6 U/L	0.39	0.39
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	61.18	12.22	7.48	57.2 U/L	-0.53	0.52
18	ALP	PNP AMP kinetic	Transasia / Erba	785	105.43	15.29	16.12	100 U/L	-0.34	1.15

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

Coordinator Contact Details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss

Dr. Pamela Christudoss
CMC EQAS Coordinator
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 *******