



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
Constituent Group **Chemistry I** Date of Result Entered : **16/02/2023**
PT item **Lyophilized human serum based** Date of Report Published : **08/03/2023**

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	885	125.22	5.85	7.33	135 mg/dL	1.33	0.49
2	UREA	Urease UV / GLDH	Transasia / Erba	859	133.49	7.29	9.73	127.1 mg/dL	-0.66	0.66
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	446	5.23	5.78	0.30	4.82 mg/dL	-1.36	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	868	1.40	12.53	0.18	1.34 mg/dL	-0.34	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	901	4.86	8.02	0.39	4.7 g/dL	-0.41	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	936	2.91	5.71	0.17	2.81 g/dL	-0.60	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	683	10.68	8.49	0.91	11.8 mg/dL	1.24	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	421	4.17	9.00	0.38	5.81 mg/dL	4.32	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	855	7.64	7.82	0.60	8.5 mg/dL	1.44	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	916	93.41	8.38	7.82	89 mg/dL	-0.56	0.52
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	814	67.78	13.06	8.85	67.3 mg/dL	-0.05	0.62
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	693	23.26	10.02	2.33	30.2 mg/dL	2.98	0.18
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1147	120.46	4.12	4.96	116.4 mmol/L	-0.82	0.29
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1129	5.00	5.46	0.27	4.98 mmol/L	-0.07	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	921	92.85	4.47	4.15	92.2 mmol/L	-0.16	0.27
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	859	201.21	10.52	21.16	187.8 U/L	-0.63	1.44
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	863	51.97	13.88	7.22	46.9 U/L	-0.70	0.49
18	ALP	PNP AMP kinetic	Transasia / Erba	847	226.52	15.31	34.68	233 U/L	0.19	2.38

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

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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 *******