



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
Constituent Group **Chemistry I** Date of Result Entered : **15/03/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/04/2023**

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	995	338.07	6.70	22.64	336.4 mg/dL	-0.07	1.44
2	UREA	Urease UV / GLDH	Transasia / Erba	966	59.30	7.82	4.64	59.4 mg/dL	0.02	0.30
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	475	1.94	6.54	0.13	1.82 mg/dL	-0.94	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	948	5.68	8.79	0.50	5.74 mg/dL	0.12	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	945	5.56	7.31	0.41	5.35 g/dL	-0.52	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	964	3.29	5.81	0.19	3.3 g/dL	0.05	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	656	9.60	7.79	0.75	8.5 mg/dL	-1.47	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	427	8.40	8.20	0.69	8.3 mg/dL	-0.15	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	873	4.20	7.95	0.33	4.4 mg/dL	0.60	0.02
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	964	102.64	8.73	8.96	99 mg/dL	-0.41	0.58
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	887	126.73	8.24	10.45	122.7 mg/dL	-0.39	0.70
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	724	26.13	10.66	2.79	24.2 mg/dL	-0.69	0.21
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1170	137.65	3.04	4.19	137 mmol/L	-0.16	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1181	4.06	4.95	0.20	4.1 mmol/L	0.20	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	963	100.03	4.12	4.12	97 mmol/L	-0.74	0.27
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	896	71.85	10.25	7.37	77 U/L	0.70	0.49
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	889	211.96	13.23	28.05	229.8 U/L	0.64	1.88
18	ALP	PNP AMP kinetic	Transasia / Erba	726	38.85	21.99	8.54	31 U/L	-0.92	0.63

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 *******