



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
 Constituent Group **Chemistry I** Date of Result Entered : **14/09/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **05/10/2023**

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	955	214.38	5.75	12.32	225.2 mg/dL	0.88	0.80
2	UREA	Urease UV / GLDH	Transasia / Erba	943	112.33	7.49	8.41	131.2 mg/dL	2.24	0.55
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	501	7.94	5.57	0.44	7.86 mg/dL	-0.18	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	948	1.95	12.89	0.25	1.97 mg/dL	0.08	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	966	5.78	7.23	0.42	5.98 g/dL	0.48	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1000	3.42	5.18	0.18	3.39 g/dL	-0.17	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	711	10.68	7.21	0.77	11.7 mg/dL	1.32	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	464	6.04	9.26	0.56	6.45 mg/dL	0.73	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	987	7.30	8.21	0.60	8.2 mg/dL	1.50	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	991	116.86	7.90	9.24	106 mg/dL	-1.18	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	905	94.35	12.17	11.48	88.4 mg/dL	-0.52	0.76
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	762	27.49	11.10	3.05	26.4 mg/dL	-0.36	0.22
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1285	133.72	2.84	3.80	131.2 mmol/L	-0.66	0.21
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1286	4.72	5.34	0.25	4.61 mmol/L	-0.44	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1046	101.71	3.64	3.70	103.5 mmol/L	0.48	0.23
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	965	92.85	10.15	9.42	109.8 U/L	1.80	0.61
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	948	53.35	13.79	7.36	53 U/L	-0.05	0.48
18	ALP	PNP AMP kinetic	Transasia / Erba	914	155.19	15.33	23.79	160 U/L	0.20	1.57

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 *******