



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
Constituent Group **Chemistry I** Date of Result Entered : **14/06/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/07/2023**

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	962	128.53	6.19	7.95	124.7 mg/dL	-0.48	0.51
2	UREA	Urease UV / GLDH	Transasia / Erba	939	48.12	7.85	3.78	43.4 mg/dL	-1.25	0.25
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	476	2.04	6.52	0.13	2 mg/dL	-0.30	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	969	2.83	11.99	0.34	2.68 mg/dL	-0.44	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	944	6.00	6.81	0.41	5.67 g/dL	-0.81	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	966	3.55	5.84	0.21	3.42 g/dL	-0.63	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	682	10.21	7.80	0.80	10.4 mg/dL	0.24	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	466	4.63	9.58	0.44	4.7 mg/dL	0.16	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	925	5.11	8.87	0.45	4.9 mg/dL	-0.46	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	935	116.36	7.89	9.18	105 mg/dL	-1.24	0.60
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	912	156.09	8.37	13.06	151 mg/dL	-0.39	0.86
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	738	28.29	10.87	3.08	22.7 mg/dL	-1.82	0.23
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1247	134.31	3.28	4.40	127.2 mmol/L	-1.62	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1244	5.18	5.90	0.31	5.19 mmol/L	0.03	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	983	101.78	4.10	4.18	97.4 mmol/L	-1.05	0.27
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	920	68.05	10.67	7.26	72.8 U/L	0.65	0.48
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	862	46.05	14.31	6.59	47.9 U/L	0.28	0.45
18	ALP	PNP AMP kinetic	Transasia / Erba	886	108.12	15.29	16.54	103 U/L	-0.31	1.11

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 *******