



CHRISTIAN MEDICAL COLLEGE

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



Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
Constituent Group **Chemistry I** Date of Result Entered : **12/04/2023**
PT item **Lyophilized human serum based** Date of Report Published : **08/05/2023**

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	976	156.57	6.09	9.53	149.1 mg/dL	-0.78	0.61
2	UREA	Urease UV / GLDH	Transasia / Erba	966	37.88	9.44	3.57	33.8 mg/dL	-1.14	0.23
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	473	2.96	6.14	0.18	2.73 mg/dL	-1.26	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	927	2.94	10.57	0.31	3.03 mg/dL	0.29	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	987	5.70	7.25	0.41	5.55 g/dL	-0.36	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	920	3.38	5.21	0.18	3.39 g/dL	0.06	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	666	11.42	8.17	0.93	10.7 mg/dL	-0.77	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	402	3.83	8.99	0.34	3.81 mg/dL	-0.06	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	921	5.71	7.98	0.46	5.7 mg/dL	-0.02	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	958	113.42	8.01	9.09	112 mg/dL	-0.16	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	898	86.25	11.49	9.91	87.4 mg/dL	0.12	0.66
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	729	27.01	10.88	2.94	24.5 mg/dL	-0.85	0.22
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1181	131.83	3.23	4.26	130.7 mmol/L	-0.27	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1175	5.43	5.95	0.32	5.47 mmol/L	0.12	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1011	102.67	3.93	4.03	100.5 mmol/L	-0.54	0.25
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	920	91.47	10.35	9.47	97.8 U/L	0.67	0.62
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	926	69.93	15.69	10.97	68.9 U/L	-0.09	0.72
18	ALP	PNP AMP kinetic	Transasia / Erba	893	99.42	14.64	14.56	124 U/L	1.69	0.97

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 *******