



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - APRIL 2022



Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
Constituent Group **Chemistry I** Date of Result Entered : **13/04/2022**
PT item **Lyophilized Serum** Date of Report Published : **05/05/2022**

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	922	232.75	6.37	14.83	270 mg/dL	2.51	0.98
2	UREA	Urease UV / GLDH	Transasia / Erba	873	37.51	9.31	3.49	36.9 mg/dL	-0.17	0.24
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	430	5.34	5.50	0.29	4.98 mg/dL	-1.22	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	857	2.79	11.03	0.31	2.74 mg/dL	-0.16	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	928	5.85	7.97	0.47	5.73 g/dL	-0.26	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	921	3.31	5.20	0.17	3.41 g/dL	0.58	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	614	10.88	8.01	0.87	12.1 mg/dL	1.40	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	417	6.18	9.35	0.58	6.55 mg/dL	0.64	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	863	7.33	7.93	0.58	7.9 mg/dL	0.98	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	888	106.47	7.49	7.98	108 mg/dL	0.19	0.54
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	846	108.02	10.90	11.77	119.7 mg/dL	0.99	0.81
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	661	27.95	10.75	3.00	26.3 mg/dL	-0.55	0.23
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	986	135.62	2.99	4.05	135.1 mmol/L	-0.13	0.26
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	958	3.94	5.03	0.20	3.9 mmol/L	-0.20	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	739	105.68	3.86	4.08	112.9 mmol/L	1.77	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	766	112.15	11.29	12.66	132.7 U/L	1.62	0.92
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	761	54.94	16.20	8.90	65.7 U/L	1.21	0.65
18	ALP	PNP AMP kinetic	Transasia / Erba	844	126.36	15.24	19.25	136 U/L	0.50	1.33

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 *******