



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2022



PC-1024

Lab Name **KUNNAMANGALAM NEETHI MEDICAL LABORATORY AND X-RAY CENTRE** Lab No **16325**
 Constituent Group **Chemistry I** Date of Result Entered : **10/09/2022**
 PT item **Lyophilized Serum** Date of Report Published : **05/10/2022**

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	957	185.74	6.16	11.43	169 mg/dL	-1.46	0.74
2	UREA	Urease UV / GLDH	Transasia / Erba	894	100.59	7.45	7.49	86 mg/dL	-1.95	0.50
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	462	3.21	6.46	0.21	2.98 mg/dL	-1.11	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	925	3.03	9.61	0.29	2.25 mg/dL	-2.68	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	953	5.40	8.08	0.44	4.3 g/dL	-2.52	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	978	3.11	5.75	0.18	2.6 g/dL	-2.85	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	678	10.43	8.73	0.91	9.3 mg/dL	-1.24	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	974	7.17	8.97	0.64	6.4 mg/dL	-1.20	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	950	99.42	9.19	9.13	82 mg/dL	-1.91	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	923	156.54	8.66	13.56	144 mg/dL	-0.92	0.89
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	706	25.89	11.94	3.09	22 mg/dL	-1.26	0.23
12	SODIUM	ISE - Direct	Transasia / Erba	218	135.34	3.30	4.47	120.9 mmol/L	-3.23	0.60
13	POTASSIUM	ISE - Direct	Transasia / Erba	211	3.13	5.25	0.16	2.79 mmol/L	-2.07	0.02
14	CHLORIDE	ISE - Direct	Transasia / Erba	167	96.43	4.29	4.14	88.6 mmol/L	-1.89	0.64
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	843	63.00	10.06	6.34	57 U/L	-0.95	0.44
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	831	86.68	14.46	12.54	76 U/L	-0.85	0.87
17	ALP	PNP AMP kinetic	Transasia / Erba	867	66.65	15.42	10.28	54 U/L	-1.23	0.70

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.

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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 *******