



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2022



PC-1024

Lab Name **KUNNAMANGALAM NEETHI MEDICAL LABORATORY AND X-RAY CENTRE**

Lab No **16325**

Constituent Group **Chemistry I**

Date of Result Entered : **13/10/2022**

PT item **Lyophilized Serum**

Date of Report Published : **03/11/2022**

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	916	114.55	6.42	7.35	113 mg/dL	-0.21	0.49
2	UREA	Urease UV / GLDH	Transasia / Erba	895	130.44	7.26	9.47	134 mg/dL	0.38	0.63
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	459	8.52	6.66	0.57	9 mg/dL	0.85	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	929	5.76	9.20	0.53	5.2 mg/dL	-1.06	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	946	5.83	7.82	0.46	5.8 g/dL	-0.07	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	951	3.31	5.80	0.19	3.4 g/dL	0.47	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	676	10.97	8.99	0.99	11.7 mg/dL	0.74	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	940	6.56	9.17	0.60	6.7 mg/dL	0.23	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	918	105.66	8.20	8.66	99 mg/dL	-0.77	0.57
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	887	117.66	8.49	9.99	122 mg/dL	0.43	0.67
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	704	27.93	11.08	3.10	28 mg/dL	0.02	0.23
12	SODIUM	ISE - Direct	Transasia / Erba	201	129.99	3.00	3.90	130 mmol/L	0.00	0.55
13	POTASSIUM	ISE - Direct	Transasia / Erba	212	4.32	4.40	0.19	4.36 mmol/L	0.21	0.03
14	CHLORIDE	ISE - Direct	Transasia / Erba	144	97.48	3.90	3.80	101.8 mmol/L	1.14	0.63
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	844	38.01	14.25	5.42	42 U/L	0.74	0.37
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	819	276.92	16.40	45.41	196 U/L	-1.78	3.17
17	ALP	PNP AMP kinetic	Transasia / Erba	816	209.35	15.19	31.81	235 U/L	0.81	2.23

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 :

**KUNNAMANGALAM NEETHI MEDICAL LABORATORY AND X-RAY CENTRE
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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 *******