



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2022



PC-1024

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

Lab No **16325**

Constituent
Group **Chemistry I**

Date of Result Entered : **08/12/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/01/2023**

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	954	183.94	6.23	11.46	195 mg/dL	0.97	0.74
2	UREA	Urease UV / GLDH	Transasia / Erba	900	100.68	7.01	7.06	104 mg/dL	0.47	0.47
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	453	3.21	6.37	0.20	3.34 mg/dL	0.64	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	921	3.02	9.63	0.29	3.15 mg/dL	0.45	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	906	5.29	7.46	0.40	4.7 g/dL	-1.49	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3.09	5.82	0.18	3.3 g/dL	1.17	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	642	10.38	7.72	0.80	11.3 mg/dL	1.15	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	912	7.19	8.34	0.60	7.4 mg/dL	0.35	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	939	99.02	8.61	8.53	96 mg/dL	-0.35	0.56
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	881	157.78	7.36	11.61	160 mg/dL	0.19	0.78
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	713	25.80	12.00	3.10	25 mg/dL	-0.26	0.23
12	SODIUM	ISE - Direct	Transasia / Erba	200	134.88	2.71	3.65	136 mmol/L	0.31	0.52
13	POTASSIUM	ISE - Direct	Transasia / Erba	197	3.13	5.24	0.16	3.16 mmol/L	0.18	0.02
14	CHLORIDE	ISE - Direct	Transasia / Erba	149	96.09	3.70	3.55	102.8 mmol/L	1.89	0.58
15	AST	UV kinetic(with & without PLP (P-5- P))	Transasia / Erba	876	62.23	10.65	6.63	66 U/L	0.57	0.45
16	ALT	UV kinetic(with & without PLP (P-5- P))	Transasia / Erba	806	87.62	12.28	10.76	87 U/L	-0.06	0.76
17	ALP	PNP AMP kinetic	Transasia / Erba	861	64.88	16.19	10.51	55 U/L	-0.94	0.72

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 :

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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 *******