



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2022



PC-1024

Lab Name **KUNNAMANGALAM NEETHI MEDICAL LABORATORY AND X-RAY CENTRE** Lab No **16325**
 Constituent Group **Chemistry I** Date of Result Entered : **08/11/2022**
 PT item **Lyophilized Serum** Date of Report Published : **06/12/2022**

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	913	329.40	6.44	21.20	329 mg/dL	-0.02	1.40
2	UREA	Urease UV / GLDH	Transasia / Erba	867	57.01	7.85	4.48	55 mg/dL	-0.45	0.30
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	438	4.05	5.85	0.24	4.56 mg/dL	2.15	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	877	1.70	12.59	0.21	1.62 mg/dL	-0.37	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	865	5.83	7.21	0.42	5.8 g/dL	-0.07	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	910	3.39	5.34	0.18	3.6 g/dL	1.16	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	620	10.62	8.31	0.88	11.3 mg/dL	0.77	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	885	9.65	8.71	0.84	10 mg/dL	0.42	0.06
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	907	112.21	8.32	9.34	107 mg/dL	-0.56	0.62
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	890	202.66	7.96	16.14	214 mg/dL	0.70	1.08
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	676	27.81	10.49	2.92	29 mg/dL	0.41	0.22
12	SODIUM	ISE - Direct	Transasia / Erba	197	137.88	2.84	3.92	138 mmol/L	0.03	0.56
13	POTASSIUM	ISE - Direct	Transasia / Erba	202	5.39	4.88	0.26	5.4 mmol/L	0.04	0.04
14	CHLORIDE	ISE - Direct	Transasia / Erba	152	97.60	4.44	4.33	105 mmol/L	1.71	0.70
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	802	154.71	9.01	13.94	167 U/L	0.88	0.98
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	800	47.88	13.11	6.28	53 U/L	0.82	0.44
17	ALP	PNP AMP kinetic	Transasia / Erba	835	146.40	13.71	20.08	142 U/L	-0.22	1.39

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 *******