



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - AUGUST 2022



PC-1024

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

Lab No **16325**

Constituent Group **Chemistry I**

Date of Result Entered : **10/08/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/09/2022**

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	949	193.37	6.69	12.93	206 mg/dL	0.98	0.84
2	UREA	Urease UV / GLDH	Transasia / Erba	888	62.12	7.66	4.76	61 mg/dL	-0.24	0.32
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	465	2.54	7.18	0.18	2.64 mg/dL	0.55	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	942	3.62	10.23	0.37	3.21 mg/dL	-1.11	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	961	6.28	7.74	0.49	6.3 g/dL	0.04	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	967	3.50	5.54	0.19	3.4 g/dL	-0.52	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	666	11.46	9.46	1.08	11.6 mg/dL	0.13	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	923	5.29	9.19	0.49	5.2 mg/dL	-0.19	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	929	114.16	8.16	9.32	107 mg/dL	-0.77	0.61
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	886	82.80	13.18	10.92	75 mg/dL	-0.71	0.73
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	713	28.02	10.91	3.06	27 mg/dL	-0.33	0.23
12	SODIUM	ISE - Direct	Transasia / Erba	208	139.95	2.87	4.01	140 mmol/L	0.01	0.56
13	POTASSIUM	ISE - Direct	Transasia / Erba	215	4.58	4.49	0.21	4.6 mmol/L	0.10	0.03
14	CHLORIDE	ISE - Direct	Transasia / Erba	170	102.85	4.27	4.39	109 mmol/L	1.40	0.67
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	843	64.99	11.93	7.75	74 U/L	1.16	0.53
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	47.89	15.74	7.54	55 U/L	0.94	0.53
17	ALP	PNP AMP kinetic	Transasia / Erba	861	100.55	15.05	15.13	105 U/L	0.29	1.03

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  
KUNNAMANGALAM  
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**Christian Medical College, Vellore**

**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 \*\*\*\*\***