



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2022



PC-1024

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

Lab No **16325**

Constituent
Group **Chemistry I**

Date of Result Entered : **06/07/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/08/2022**

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	924	319.86	6.71	21.47	332 mg/dL	0.57	1.41
2	UREA	Urease UV / GLDH	Transasia / Erba	938	131.80	8.04	10.60	122 mg/dL	-0.92	0.69
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	459	4.41	6.53	0.29	4.21 mg/dL	-0.69	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	981	0.97	19.05	0.18	0.81 mg/dL	-0.87	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	952	6.08	7.45	0.45	5.5 g/dL	-1.28	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	971	3.46	5.97	0.21	3.3 g/dL	-0.77	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	668	10.20	8.48	0.86	10.3 mg/dL	0.12	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	915	3.53	11.62	0.41	3.5 mg/dL	-0.07	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	934	113.21	7.99	9.05	102 mg/dL	-1.24	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	881	238.60	8.40	20.03	237 mg/dL	-0.08	1.35
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	692	27.55	10.30	2.84	29 mg/dL	0.51	0.22
12	SODIUM	ISE - Direct	Transasia / Erba	197	139.63	3.26	4.55	135 mmol/L	-1.02	0.65
13	POTASSIUM	ISE - Direct	Transasia / Erba	206	5.03	5.01	0.25	4.94 mmol/L	-0.36	0.04
14	CHLORIDE	ISE - Direct	Transasia / Erba	160	99.47	4.12	4.10	101 mmol/L	0.37	0.65
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	828	125.74	9.92	12.47	132 U/L	0.50	0.87
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	835	57.35	13.54	7.76	61 U/L	0.47	0.54
17	ALP	PNP AMP kinetic	Transasia / Erba	824	233.68	14.44	33.74	266 U/L	0.96	2.35

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
KOZHIKODE
KERALA673571**

Pamela Christudoss

Coordinator Contact Details:
Email: clinq@cmcvellore.ac.in
Contact Number: 0416-2283102

Dr. Pamela Christudoss
CMC EQAS Coordinator
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 *******