



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **IDEAL LAB** Lab No **11704**
Constituent Group **Chemistry I** Date of Result Entered : **20/01/2024**
PT item **Lyophilized human serum based** Date of Report Published : **06/02/2024**

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	943	130.93	6.55	8.58	130 mg/dL	-0.11	0.56
2	UREA	Urease UV / GLDH	Transasia / Erba	879	37.38	8.70	3.25	45.6 mg/dL	2.53	0.22
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	469	1.70	7.11	0.12	1.66 mg/dL	-0.33	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	899	2.12	12.71	0.27	2.2 mg/dL	0.30	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	869	5.29	6.86	0.36	5.8 g/dL	1.40	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	917	3.26	5.89	0.19	3.2 g/dL	-0.31	0.01
7	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	851	5.02	9.00	0.45	4.3 mg/dL	-1.59	0.03
8	CHOLESTEROL	CHOD-PAP	Transasia / Erba	896	104.06	7.52	7.82	104 mg/dL	-0.01	0.52
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	820	129.24	7.95	10.27	140 mg/dL	1.05	0.72
10	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	716	26.68	11.23	3.00	28 mg/dL	0.44	0.22
11	SODIUM	ISE - Indirect	Any Analyser	477	131.12	2.99	3.92	134 mmol/L	0.73	0.36
12	POTASSIUM	ISE - Indirect	Any Analyser	467	3.21	5.21	0.17	3.19 mmol/L	-0.12	0.02
13	CHLORIDE	ISE - Indirect	Any Analyser	345	95.00	5.06	4.81	101.9 mmol/L	1.44	0.52
14	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	882	105.03	8.75	9.18	108 U/L	0.32	0.62
15	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	864	41.91	15.00	6.29	44 U/L	0.33	0.43

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.
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LAB ADDRESS :**IDEAL LAB****VAZHVELIL BUILDING, NEAR GENERAL HOSPITAL, KUNNUMBHAGAM****KANJIRAPPALY****KERALA686507****Coordinator Contact Details:**Email: clinqc@cmcvellore.ac.in

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*Pamela Christudoss***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 *******