



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2023



PC-1024

Lab Name **CENTRAL AYURVEDA RESEARCH INSTITUTE**

Lab No **17988**

Constituent Group **Chemistry I**

Date of Result Entered : **09/02/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **08/03/2023**

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	885	125.22	5.85	7.33	133 mg/dL	1.06	0.49
2	UREA	Urease UV / GLDH	Transasia / Erba	859	133.49	7.29	9.73	135.6 mg/dL	0.22	0.66
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	430	4.87	8.52	0.42	5.24 mg/dL	0.89	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	868	1.40	12.53	0.18	1.41 mg/dL	0.06	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	901	4.86	8.02	0.39	4.74 g/dL	-0.31	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	936	2.91	5.71	0.17	2.9 g/dL	-0.06	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	683	10.68	8.49	0.91	10.5 mg/dL	-0.20	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	855	7.64	7.82	0.60	7.2 mg/dL	-0.74	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	916	93.41	8.38	7.82	91 mg/dL	-0.31	0.52
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	814	67.78	13.06	8.85	58.1 mg/dL	-1.09	0.62
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	693	23.26	10.02	2.33	22.7 mg/dL	-0.24	0.18
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	859	201.21	10.52	21.16	212.4 U/L	0.53	1.44
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	863	51.97	13.88	7.22	56.3 U/L	0.60	0.49
14	ALP	PNP AMP kinetic	Transasia / Erba	847	226.52	15.31	34.68	249 U/L	0.65	2.38

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

LAB ADDRESS :

**CENTRAL AYURVEDA RESEARCH INSTITUTE  
CLINICAL LABORATORY, VIDYAMANDIR PATH, BHETAPARA, BARSOIAI, BELTOLA  
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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 \*\*\*\*\***