



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name **CENTRAL AYURVEDA RESEARCH INSTITUTE**

Lab No **17988**

Constituent Group **Chemistry I**

Date of Result Entered : **19/01/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **09/02/2023**

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	833	180.45	5.35	9.65	194 mg/dL	1.40	0.67
2	UREA	Urease UV / GLDH	Transasia / Erba	816	30.96	8.71	2.70	32 mg/dL	0.39	0.19
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	413	1.45	11.61	0.17	1.59 mg/dL	0.83	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	839	3.12	10.70	0.33	3.28 mg/dL	0.48	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	820	5.58	7.50	0.42	5.92 g/dL	0.81	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	872	3.27	5.69	0.19	3.34 g/dL	0.38	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	603	9.60	7.91	0.76	10.9 mg/dL	1.71	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	823	4.88	9.34	0.46	4.9 mg/dL	0.04	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	847	106.43	8.10	8.62	111 mg/dL	0.53	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	818	90.47	9.90	8.95	83.9 mg/dL	-0.73	0.63
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	652	26.78	9.81	2.63	27.8 mg/dL	0.39	0.21
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	827	51.39	10.89	5.60	52.3 U/L	0.16	0.39
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	61.18	12.22	7.48	65.3 U/L	0.55	0.52
14	ALP	PNP AMP kinetic	Transasia / Erba	785	105.43	15.29	16.12	110 U/L	0.28	1.15

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 :

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