



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2023



PC-1024

Lab Name **CENTRAL AYURVEDA RESEARCH INSTITUTE**

Lab No **17988**

Constituent Group **Chemistry I**

Date of Result Entered : **13/03/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **04/04/2023**

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	995	338.07	6.70	22.64	348.3 mg/dL	0.45	1.44
2	UREA	Urease UV / GLDH	Transasia / Erba	966	59.30	7.82	4.64	58 mg/dL	-0.28	0.30
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	452	1.93	8.74	0.17	2.18 mg/dL	1.48	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	948	5.68	8.79	0.50	6.12 mg/dL	0.88	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	945	5.56	7.31	0.41	5.84 g/dL	0.69	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	964	3.29	5.81	0.19	3.34 g/dL	0.26	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	656	9.60	7.79	0.75	9.5 mg/dL	-0.13	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	873	4.20	7.95	0.33	3.9 mg/dL	-0.90	0.02
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	964	102.64	8.73	8.96	100 mg/dL	-0.29	0.58
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	887	126.73	8.24	10.45	122 mg/dL	-0.45	0.70
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	724	26.13	10.66	2.79	27.2 mg/dL	0.38	0.21
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	896	71.85	10.25	7.37	73.3 U/L	0.20	0.49
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	889	211.96	13.23	28.05	231.3 U/L	0.69	1.88
14	ALP	PNP AMP kinetic	Transasia / Erba	726	38.85	21.99	8.54	39 U/L	0.02	0.63

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 *******