



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name	REGIONAL AYURVEDA RESEARCH INSTITUTE	Lab No	18233
Constituent Group	Chemistry I	Date of Result Entered :	15/09/2023
PT item	Lyophilized human serum based	Date of Report Published :	05/10/2023

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	955	214.38	5.75	12.32	214.7 mg/dL	0.03	0.80
2	UREA	Urease UV / GLDH	Transasia / Erba	943	112.33	7.49	8.41	113.6 mg/dL	0.15	0.55
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	484	7.26	10.30	0.75	8.24 mg/dL	1.31	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	948	1.95	12.89	0.25	2.01 mg/dL	0.24	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	966	5.78	7.23	0.42	6.62 g/dL	2.01	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1000	3.42	5.18	0.18	3.49 g/dL	0.40	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	711	10.68	7.21	0.77	10.7 mg/dL	0.03	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	987	7.30	8.21	0.60	7.2 mg/dL	-0.17	0.04
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	991	116.86	7.90	9.24	117 mg/dL	0.02	0.59
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	905	94.35	12.17	11.48	85.6 mg/dL	-0.76	0.76
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	762	27.49	11.10	3.05	26.2 mg/dL	-0.42	0.22
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	965	92.85	10.15	9.42	95.6 U/L	0.29	0.61
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	948	53.35	13.79	7.36	55 U/L	0.22	0.48
14	ALP	PNP AMP kinetic	Transasia / Erba	914	155.19	15.33	23.79	148 U/L	-0.30	1.57

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 :

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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 *******