



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - AUGUST 2023



PC-1024

Lab Name **REGIONAL AYURVEDA RESEARCH INSTITUTE** Lab No **18233**
Constituent Group **Chemistry I** Date of Result Entered : **18/08/2023**
PT item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

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	971	67.10	7.19	4.82	66.7 mg/dL	-0.08	0.31
2	UREA	Urease UV / GLDH	Transasia / Erba	941	18.54	11.04	2.05	17.5 mg/dL	-0.51	0.13
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	452	0.90	14.41	0.13	0.8 mg/dL	-0.78	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	891	0.78	17.35	0.14	0.72 mg/dL	-0.44	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	961	5.93	7.09	0.42	6.16 g/dL	0.55	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1015	3.50	5.51	0.19	3.6 g/dL	0.52	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	702	9.86	7.57	0.75	10.8 mg/dL	1.26	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	943	3.89	8.59	0.33	3.8 mg/dL	-0.27	0.02
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	981	120.52	7.26	8.74	122 mg/dL	0.17	0.56
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	921	95.56	11.05	10.56	88.3 mg/dL	-0.69	0.70
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	746	28.87	10.70	3.09	27.9 mg/dL	-0.31	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	964	33.97	13.39	4.55	32.5 U/L	-0.32	0.29
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	886	26.00	17.22	4.48	23.1 U/L	-0.65	0.30
14	ALP	PNP AMP kinetic	Transasia / Erba	929	107.17	15.28	16.38	107 U/L	-0.01	1.07

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 *******