



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023



PC-1024

Lab Name REGIONAL AYURVEDA RESEARCH INSTITUTE Lab No 18576
 Constituent Group Chemistry I Date of Result Entered : 18/07/2023
 PT item Lyophilized human serum based Date of Report Published : 07/08/2023

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	958	290.09	5.86	17.01	315.2 mg/dL	1.48	1.10
2	UREA	Urease UV / GLDH	Transasia / Erba	936	65.47	7.64	5.00	70.9 mg/dL	1.09	0.33
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	477	4.42	5.66	0.25	4.84 mg/dL	1.68	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	949	3.51	9.32	0.33	3.18 mg/dL	-1.01	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	968	6.14	6.87	0.42	6.17 g/dL	0.07	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	983	3.59	5.24	0.19	3.87 g/dL	1.49	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	704	10.28	7.24	0.74	10.7 mg/dL	0.56	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	932	6.10	7.64	0.47	6.2 mg/dL	0.21	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	936	121.13	6.92	8.38	156 mg/dL	4.16	0.55
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	692	138.26	7.58	10.48	117.6 mg/dL	-1.97	0.80
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	726	29.95	10.29	3.08	28.3 mg/dL	-0.54	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	915	204.74	8.96	18.35	211.9 U/L	0.39	1.21
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	927	277.56	11.78	32.69	313.8 U/L	1.11	2.15
14	ALP	PNP AMP kinetic	Transasia / Erba	918	210.77	15.90	33.52	205 U/L	-0.17	2.21

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.

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Homogeneity and Stability of the sample is passed.
 Data in CMC EQAS reports is confidential