



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name REGIONAL AYURVEDA RESEARCH INSTITUTE Lab No 18576  
 Constituent Group Chemistry I Date of Result Entered : 19/06/2023  
 PT item Lyophilized human serum based Date of Report Published : 04/07/2023

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	962	128.53	6.19	7.95	120.1 mg/dL	-1.06	0.51
2	UREA	Urease UV / GLDH	Transasia / Erba	939	48.12	7.85	3.78	44.6 mg/dL	-0.93	0.25
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	476	2.04	6.52	0.13	2.45 mg/dL	3.08	0.01
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Transasia / Erba	969	2.83	11.99	0.34	3.16 mg/dL	0.97	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	944	6.00	6.81	0.41	6.25 g/dL	0.61	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	966	3.55	5.84	0.21	3.77 g/dL	1.06	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	682	10.21	7.80	0.80	10.9 mg/dL	0.87	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	925	5.11	8.87	0.45	5.2 mg/dL	0.20	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	935	116.36	7.89	9.18	129 mg/dL	1.38	0.60
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	912	156.09	8.37	13.06	160 mg/dL	0.30	0.86
11	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	738	28.29	10.87	3.08	27.8 mg/dL	-0.16	0.23
12	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	920	68.05	10.67	7.26	73.4 U/L	0.74	0.48
13	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	862	46.05	14.31	6.59	44.3 U/L	-0.27	0.45
14	ALP	PNP AMP kinetic	Transasia / Erba	886	108.12	15.29	16.54	114 U/L	0.36	1.11

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

LAB ADDRESS :  
 REGIONAL AYURVEDA RESEARCH INSTITUTE  
 DEPARTMENT OF PATHOLOGY & BIOCHEMISTRY, AAMKHO  
 GWALIOR  
 MADHYA PRADESH 474009

Coordinator Contact Details:  
 Email: [clinqc@cmcvellore.ac.in](mailto:clinqc@cmcvellore.ac.in)  
 Contact Number: 0416-2283102

*Pamela Christudoss*  
 Dr. Pamela Christudoss  
 CMC EQAS Coordinator  
 Christian Medical College, Vellore