



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **ARUNOSHA LABS PVT LTD** Lab No **19694**  
Constituent Group **Chemistry I** Date of Result Entered : **25/01/2024**  
PT item **Lyophilized human serum based** Date of Report Published : **06/02/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1085	124.31	6.16	7.66	129 mg/dL	0.61	0.47
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	937	36.03	11.25	4.05	33.8 mg/dL	-0.55	0.26
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	811	1.75	10.50	0.18	1.7 mg/dL	-0.27	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	931	2.04	15.85	0.32	2.47 mg/dL	1.33	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1115	5.24	6.24	0.33	4.7 g/dL	-1.65	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1035	3.14	9.56	0.30	3.27 g/dL	0.43	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1037	5.16	11.96	0.62	6 mg/dL	1.36	0.04
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1074	111.60	6.78	7.56	106.9 mg/dL	-0.62	0.46
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1092	148.75	6.31	9.38	146 mg/dL	-0.29	0.57
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	868	27.20	9.93	2.70	31 mg/dL	1.41	0.18
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1048	105.39	7.40	7.80	114 U/L	1.10	0.48
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1048	44.50	13.19	5.87	31.5 U/L	-2.21	0.36
13	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	883	182.76	9.88	18.06	202.6 U/L	1.10	1.22

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.

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