



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name ARUNOSHA LABS PVT LTD Lab No 19694  
Constituent Group Chemistry I Date of Result Entered : 10/02/2024  
PT item Lyophilized human serum based Date of Report Published : 05/03/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation )	1176	251.29	4.97	12.48	263 mg/dL	0.94	0.73
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	1061	61.45	11.98	7.36	57 mg/dL	-0.60	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation )	882	5.26	7.26	0.38	5 mg/dL	-0.68	0.03
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	1022	2.84	16.53	0.47	3.9 mg/dL	2.26	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1176	5.38	6.46	0.35	6.1 g/dL	2.07	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	1142	3.21	9.82	0.32	3.7 g/dL	1.56	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1129	7.69	8.54	0.66	8.3 mg/dL	0.93	0.04
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1179	114.96	5.67	6.52	115 mg/dL	0.01	0.38
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1106	191.25	6.15	11.77	196 mg/dL	0.4	0.71
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	883	27.58	10.09	2.78	31.3 mg/dL	1.34	0.19
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1125	73.02	10.41	7.60	80 U/L	0.92	0.45
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1108	94.73	14.64	13.87	84 U/L	-0.77	0.83
13	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	942	91.60	11.35	10.40	99.2 U/L	0.73	0.68

u\* - Method of Uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (action Signal)