



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

Lab Name **ANUGRAH NARAYAN MAGADH MEDICAL COLLEGE**

Lab No **18540**

Constituent Group **Chemistry I**

Date of Result Entered : **19/02/2024**

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	257 mg/dL	0.46	0.73
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	1061	61.45	11.98	7.36	77 mg/dL	2.11	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation )	882	5.26	7.26	0.38	5.35 mg/dL	0.24	0.03
4	T.BILIRUBIN	Others ( DPD, Vanadate Oxidation )	Any Analyser (Automation / Semi Automation )	255	3.02	11.86	0.36	2.44 mg/dL	-1.62	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	1176	5.38	6.46	0.35	5.75 g/dL	1.07	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	1142	3.21	9.82	0.32	3.89 g/dL	2.16	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	990	10.20	6.91	0.70	9.7 mg/dL	-0.71	0.04
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	1129	7.69	8.54	0.66	9 mg/dL	1.99	0.04
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	1179	114.96	5.67	6.52	122 mg/dL	1.08	0.38
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	1106	191.25	6.15	11.77	195 mg/dL	0.32	0.71
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	883	27.58	10.09	2.78	22.85 mg/dL	-1.70	0.19
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1320	127.25	3.44	4.38	131.5 mmol/L	0.97	0.24
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1314	4.73	5.28	0.25	4.91 mmol/L	0.72	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1025	97.11	3.90	3.79	103 mmol/L	1.55	0.24
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1125	73.02	10.41	7.60	73 U/L	0.00	0.45
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1108	94.73	14.64	13.87	85 U/L	-0.70	0.83
17	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation )	352	117.96	21.04	24.82	164 U/L	1.85	2.65
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation )	510	66.74	18.69	12.47	67 U/L	0.02	1.10

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