



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2024



Lab Name VINAYAKA CLINIC

Lab No

20077

Constituent Group Chemistry II

Date of Result Entered:

24/01/2024

PT item Lyophilized human serum based

Date of Report Published:

06/02/2024

Sl.No	Analyte	Method/ Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation )	943	130.93	6.55	8.58	138.3 mg/dL	0.86	0.56
2	UREA II	Urease UV/ GLDH II	Any Analyser (Automation / Semi Automation )	879	37.38	8.70	3.25	40.9 mg/dL	1.08	0.22
3	CREATININE II	Jaffes End Point II	Any Analyser (Automation / Semi Automation )	469	1.70	7.11	0.12	1.74 mg/dL	0.33	0.01
4	T.BILIRUBIN II	DiazoniumSalt ( Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation )	899	2.12	12.71	0.27	2.08 mg/dL	-0.15	0.02
5	T-PROTEIN II	Biuret- Colorimetric II	Any Analyser (Automation / Semi Automation )	869	5.29	6.86	0.36	6.02 g/dL	2.01	0.02
6	ALBUMIN II	BCG- Colorimetric II	Any Analyser (Automation / Semi Automation )	917	3.26	5.89	0.19	3.39 g/dL	0.68	0.01
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation )	851	5.02	9.00	0.45	5.3 mg/dL	0.62	0.03
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation )	896	104.06	7.52	7.82	101 mg/dL	-0.39	0.52
9	TRIGLYCERIDE II	GPO-PAP/ Enzymatic Colorimetric/ End Point II	Any Analyser (Automation / Semi Automation )	820	129.24	7.95	10.27	127.9 mg/dL	-0.13	0.72

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)

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