



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name SUN CLINICAL LABORATORY

Lab No 11291

Constituent Group Chemistry II

Date of Result Entered : 15/09/2023

PT item Lyophilized human serum based

Date of Report Published : 05/10/2023

Sl. No.	Analyte	Method / Principle Name	Analyser Name	No. of Participant	DV	Participants		Year Value	SD	CV
						CV	SD			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1697	333.34	11.48	38.25	338 mg/dL	0.12	1.86
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1143	38.62	12.79	4.94	36 mg/dL	-0.53	0.29
3	CREATININE II	Jaffes Kinetic-Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	1241	1.16	14.35	0.17	1.1 mg/dL	-0.36	0.01
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1395	5.18	15.03	0.78	4.9 mg/dL	-0.36	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1299	5.64	10.51	0.59	5.6 g/dL	-0.07	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1246	3.31	9.55	0.32	3.4 g/dL	0.28	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1315	9.82	13.19	1.30	9.5 mg/dL	-0.25	0.07
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1501	119.45	10.95	13.08	107 mg/dL	-0.95	0.67
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1333	201.48	11.49	23.15	192 mg/dL	-0.41	1.27

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

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Homogeneity and Stability of the sample is passed.