



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2023



Lab Name SUN CLINICAL LABORATORY

Constituent Group Chemistry II

PT item Lyophilized human serum based

Lab No 11291

Date of Result Entered : 15/05/2023

Date of Report Published : 05/06/2023

Sl. No.	Analyte	Method / Principle / Name	Analyzer Name	No. of Participants	DV	Participants			Fair Value	SDI	U
						CV	SD	CV			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1709	184.53	10.03	18.52	203 mg/dL	1.00	0.90	
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1073	23.36	18.33	4.28	21 mg/dL	-0.55	0.26	
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	1204	6.39	12.90	0.82	7.9 mg/dL	1.83	0.05	
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1404	2.25	19.00	0.43	2.5 mg/dL	0.58	0.02	
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1317	5.73	10.10	0.58	5.6 g/dL	-0.22	0.03	
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1266	3.40	9.56	0.32	3.5 g/dL	0.31	0.02	
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1420	6.73	13.62	0.92	7.3 mg/dL	0.62	0.05	
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1617	122.39	10.60	12.97	108 mg/dL	-1.11	0.65	
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1411	133.22	13.93	18.56	105 mg/dL	-1.52	0.99	

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.