



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name **PATHOLOGY LAB DISTRICT HOSPITAL SATNA**  
Constituent Group **Chemistry I**  
PT item **Lyophilized human serum based**

Lab No **7816**  
Date of Result Entered : **15/09/2023**  
Date of Report Published : **05/10/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	319	205.89	4.65	9.57	207.49 mg/dL	0.17	1.07
2	UREA	Urease UV / GLDH	Biosystems	284	103.89	7.17	7.45	110.37 mg/dL	0.87	0.88
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation )	327	7.25	10.28	0.74	7.44 mg/dL	0.26	0.08
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendressik	Biosystems	257	1.70	15.93	0.27	1.61 mg/dL	-0.33	0.03
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	331	5.62	6.30	0.35	5.97 g/dL	0.99	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	303	3.27	7.13	0.23	3.67 g/dL	1.72	0.03
7	CALCIUM	Arsenazo III	Biosystems	217	10.87	6.61	0.72	10.02 mg/dL	-1.18	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	308	7.58	7.88	0.60	8.72 mg/dL	1.91	0.07
9	CHOLESTEROL	CHOD-PAP	Biosystems	329	124.28	6.22	7.73	133.95 mg/dL	1.25	0.85
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	311	115.31	8.09	9.32	116.3 mg/dL	0.11	1.06
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	228	29.43	13.21	3.89	26.31 mg/dL	-0.80	0.51
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1285	133.72	2.84	3.80	132.3 mmol/L	-0.37	0.21
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1286	4.72	5.34	0.25	4.99 mmol/L	1.07	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1046	101.71	3.64	3.70	106.48 mmol/L	1.29	0.23
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	306	102.86	12.21	12.56	104.22 U/L	0.11	1.44
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	305	58.80	12.89	7.58	63.72 U/L	0.65	0.87
17	ALP	PNP AMP kinetic	Biosystems	306	164.57	12.64	20.81	165.95 U/L	0.07	2.38
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation )	257	117.11	17.97	21.04	141.93 U/L	1.18	2.62

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.  
Data in CMC EQAS reports is confidential  
CMC EQAS does not sub contract any components  
\*\*\*\*\* End of Report \*\*\*\*\*