



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name **DISTRICT HOSPITAL, JABALPUR**

Lab No **7821**

Constituent Group **Chemistry I**

Date of Result Entered : **17/06/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **04/07/2023**

SI.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	317	123.41	5.06	6.24	128.2 mg/dL	0.77	0.70
2	UREA	Urease UV / GLDH	Biosystems	296	45.89	9.63	4.42	42.2 mg/dL	-0.83	0.51
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	252	2.01	8.82	0.18	2.06 mg/dL	0.94	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	257	2.62	17.69	0.46	2 mg/dL	-1.34	0.06
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	319	5.88	6.09	0.36	6.2 g/dL	0.89	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	309	3.44	7.08	0.24	3.4 g/dL	-0.16	0.03
7	CALCIUM	Arsenazo III	Biosystems	211	10.33	7.29	0.75	10.2 mg/dL	-0.17	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	290	5.63	9.08	0.51	5.8 mg/dL	0.33	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	324	122.95	7.29	8.96	128.5 mg/dL	0.62	1.00
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	306	176.62	7.35	12.97	178.8 mg/dL	0.17	1.48
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	224	29.03	13.19	3.83	30.8 mg/dL	0.46	0.51
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1247	134.31	3.28	4.40	134.3 mmol/L	0.00	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1244	5.18	5.90	0.31	5.2 mmol/L	0.07	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	983	101.78	4.10	4.18	113.5 mmol/L	2.8	0.27
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	290	75.95	10.20	7.75	69.7 U/L	-0.81	0.91
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	289	50.02	14.43	7.22	54.1 U/L	0.57	0.85
17	ALP	PNP AMP kinetic	Biosystems	302	119.35	14.46	17.26	109.1 U/L	-0.59	1.99
18	AMYLASE	CNPG3	Biosystems	107	68.94	14.30	9.86	63.2 U/L	-0.58	1.91
19	IRON	Ferrene ( No Protein Removal )	Any Analyser (Automation / Semi Automation )	148	142.79	10.43	14.90	146.8 ug/dL	0.27	2.45

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 \*\*\*\*\*