



CHRISTIAN MEDICAL COLLEGE

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



Lab Name **DISTRICT HOSPITAL SHAHDOL**

Lab No **7818**

Constituent Group **Chemistry I**

Date of Result Entered : **12/06/2023**

PT item **Lyophilized human serum based**

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

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	317	123.41	5.06	6.24	130.38 mg/dL	1.12	0.70
2	UREA	Urease UV / GLDH	Biosystems	296	45.89	9.63	4.42	45.35 mg/dL	-0.12	0.51
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	252	2.01	8.82	0.18	1.81 mg/dL	-1.13	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	257	2.62	17.69	0.46	2.32 mg/dL	-0.65	0.06
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	319	5.88	6.09	0.36	6 g/dL	0.34	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	309	3.44	7.08	0.24	3.75 g/dL	1.27	0.03
7	CALCIUM	Arsenazo III	Biosystems	211	10.33	7.29	0.75	11 mg/dL	0.89	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	290	5.63	9.08	0.51	5.86 mg/dL	0.45	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	324	122.95	7.29	8.96	131.43 mg/dL	0.95	1.00
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	306	176.62	7.35	12.97	183.13 mg/dL	0.50	1.48
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	224	29.03	13.19	3.83	33.19 mg/dL	1.09	0.51
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1247	134.31	3.28	4.40	131.25 mmol/L	-0.70	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1244	5.18	5.90	0.31	4.75 mmol/L	-1.41	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	983	101.78	4.10	4.18	101.29 mmol/L	-0.12	0.27
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	290	75.95	10.20	7.75	87.39 U/L	1.48	0.91
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	289	50.02	14.43	7.22	51.61 U/L	0.22	0.85
17	ALP	PNP AMP kinetic	Biosystems	302	119.35	14.46	17.26	116.45 U/L	-0.17	1.99

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.

LAB ADDRESS :

**DISTRICT HOSPITAL SHAHDOL
WARD NO.05 SHRI HUSHABHAU THAKRE, DH SHAHDOL
SHAHDOL
MADHYA PRADESH484001**

Coordinator Contact Details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

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 *****