



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name **PATHOLOGY, DISTRICT HOSPITAL SEHORE**

Lab No **7784**

Constituent Group **Chemistry I**

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

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	116.71 mg/dL	-1.07	0.70
2	UREA	Urease UV / GLDH	Biosystems	296	45.89	9.63	4.42	47.48 mg/dL	0.36	0.51
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	252	2.01	8.82	0.18	1.91 mg/dL	-0.56	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	257	2.62	17.69	0.46	2.61 mg/dL	-0.02	0.06
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	319	5.88	6.09	0.36	6.13 g/dL	0.70	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	309	3.44	7.08	0.24	3.57 g/dL	0.53	0.03
7	CALCIUM	Arsenazo III	Biosystems	211	10.33	7.29	0.75	12.45 mg/dL	2.83	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	290	5.63	9.08	0.51	4.25 mg/dL	-2.70	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	324	122.95	7.29	8.96	118.22 mg/dL	-0.53	1.00
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	306	176.62	7.35	12.97	187.2 mg/dL	0.82	1.48
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	224	29.03	13.19	3.83	21.4 mg/dL	-1.99	0.51
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1247	134.31	3.28	4.40	130.62 mmol/L	-0.84	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1244	5.18	5.90	0.31	5.09 mmol/L	-0.29	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	983	101.78	4.10	4.18	100.82 mmol/L	-0.23	0.27
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	290	75.95	10.20	7.75	76.81 U/L	0.11	0.91
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	289	50.02	14.43	7.22	46.13 U/L	-0.54	0.85
17	ALP	PNP AMP kinetic	Biosystems	302	119.35	14.46	17.26	119.39 U/L	0.00	1.99
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	284	69.12	20.55	14.21	68.17 U/L	-0.07	1.69

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 :

PATHOLOGY, DISTRICT HOSPITAL SEHORE

**DISTRICT HOSPITAL SEHORE
SEHORE
MADHYA PRADESH466001**

Pamela Christudoss

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

**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 *******