



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **PATHOLOGY, DISTRICT HOSPITAL NEEMUCH**

Lab No **7809**

Constituent Group **Chemistry I**

Date of Result Entered : **18/07/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **07/08/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	294	279.79	4.93	13.81	258 mg/dL	-1.58	1.61
2	UREA	Urease UV / GLDH	Biosystems	299	62.34	7.37	4.60	66.9 mg/dL	0.99	0.53
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	228	4.28	6.67	0.28	4.31 mg/dL	0.11	0.04
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	265	3.20	12.24	0.39	2.98 mg/dL	-0.56	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	313	5.98	6.31	0.38	5.95 g/dL	-0.08	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	298	3.49	7.71	0.27	3.53 g/dL	0.15	0.03
7	CALCIUM	Arsenazo III	Biosystems	211	10.29	7.66	0.79	10.18 mg/dL	-0.14	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	296	6.55	8.32	0.55	6.73 mg/dL	0.33	0.06
9	CHOLESTEROL	CHOD-PAP	Biosystems	294	129.76	5.60	7.27	122.3 mg/dL	-1.03	0.85
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	295	155.65	8.04	12.52	157.5 mg/dL	0.15	1.46
11	HDL	Direct method / Enzymatic colorimetric	Biosystems	207	31.42	12.14	3.81	30.3 mg/dL	-0.29	0.53
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1249	133.23	2.96	3.95	125.7 mmol/L	-1.91	0.22
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	1240	4.26	4.44	0.19	4.04 mmol/L	-1.16	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation )	1027	100.95	3.91	3.95	96.3 mmol/L	-1.18	0.25
15	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	296	229.73	10.37	23.82	232.6 U/L	0.12	2.77
16	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	299	304.19	11.63	35.39	348.3 U/L	1.25	4.09
17	ALP	PNP AMP kinetic	Biosystems	292	226.61	13.33	30.21	200.2 U/L	-0.87	3.54
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation )	261	64.05	17.50	11.21	71.2 U/L	0.64	1.39

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 :

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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 \*\*\*\*\*