



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - OCTOBER 2022



Lab Name **S.V.INSTITUTE OF MED.SCIENCES** Lab No **0265**  
Constituent Group **Chemistry I** Date of Result Entered : **17/10/2022**  
PT item **Lyophilized Serum** Date of Report Published : **03/11/2022**

SLNo	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation )	746	110.76	7.99	8.85	107 mg/dL	-0.43	0.65
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	207	131.10	5.16	6.76	134 mg/dL	0.43	0.94
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC700AU	152	8.19	5.74	0.47	8.63 mg/dL	0.94	0.08
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	167	5.89	4.07	0.24	5.8 mg/dL	-0.38	0.04
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	200	5.08	3.94	0.20	5.2 g/dL	0.60	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	201	3.15	4.09	0.13	3.4 g/dL	1.94	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	193	11.03	3.70	0.41	11.7 mg/dL	1.64	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	199	5.92	3.06	0.18	6 mg/dL	0.44	0.03
9	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	197	109.07	5.96	6.50	102 mg/dL	-1.09	0.93
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	199	135.52	4.84	6.55	138 mg/dL	0.38	0.93
11	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	132	133.79	2.34	3.13	138 mmol/L	1.35	0.54
12	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	133	4.53	2.70	0.12	4.6 mmol/L	0.57	0.02
13	AST	UV kinetic(with & without PLP (P-S-P))	Beckman AU480/680/5800/DXC700AU	186	41.26	7.14	2.95	41 U/L	-0.09	0.43
14	ALT	UV kinetic(with & without PLP (P-S-P))	Beckman AU480/680/5800/DXC700AU	187	316.82	8.74	27.70	340 U/L	0.84	4.05
15	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	195	236.20	9.68	22.86	238 U/L	0.08	3.27
16	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	62	194.81	4.68	9.12	191 ug/dL	-0.42	2.32

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 :  
S.V.INSTITUTE OF MED.SCIENCES  
BIOCHEMISTRY DEPARTMENT, 2nd FLOOR, NEW OPD BLOCK  
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