

## BIOCHEMISTRY -CMC EQAS

### LAB MONTHLY SUMMARY



Lab Name **S.V.INSTITUTE OF MED.SCIENCES** Lab No **0265**  
 Month **February** Year **2021**  
 Constituent Group **Chemistry I**



Date of Result Entered : 17/02/2021

Date of Report Published : 06/03/2021

Sl.No	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 )	625	256.78	8.53	21.90	263 mg/dl	0.28	1.75
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	159	45.19	5.34	2.41	46 mg/dl	0.34	0.38
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC700AU	112	1.77	6.93	0.12	1.76 mg/dl	-0.08	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Beckman AU480/680/5800/DXC700AU	141	3.93	5.12	0.20	4.3 mg/dl	1.84	0.03
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	155	4.83	4.45	0.22	4.9 g/dl	0.33	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	154	2.99	4.91	0.15	3.3 g/dl	2.11	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	143	10.49	3.68	0.39	10.7 mg/dl	0.54	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	153	8.30	4.96	0.41	7.9 mg/dl	-0.97	0.07
9	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	155	105.95	5.89	6.24	98 mg/dl	-1.27	1.00
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	149	88.21	8.45	7.46	86 mg/dl	-0.30	1.22
11	SODIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	117	140.02	2.31	3.23	143 mmol/L	0.92	0.60
12	POTASSIUM	ISE - Indirect	Beckman AU480/680/5800/DXC700AU	115	4.69	3.20	0.15	4.8 mmol/L	0.73	0.03
13	AST	UV kinetic without PLP ( P-5-P )	Beckman AU480/680/5800/DXC700AU	86	90.18	7.41	6.68	98 U/L	1.17	1.44
14	ALT	UV kinetic without PLP ( P-5-P )	Beckman AU480/680/5800/DXC700AU	68	103.95	9.16	9.52	114 U/L	1.06	2.31
15	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	131	99.30	10.54	10.47	100 U/L	0.07	1.83
16	IRON	TPTZ ( Tripyridyl-S-triazine )	Beckman AU480/680/5800/DXC700AU	41	156.72	5.17	8.10	167 ug/dl	1.27	2.53

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between $\pm 1.0$ to $\pm 2.0$	Good.
Between $\pm 2.0$ to $\pm 3.0$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

Data in CMC EQAS reports is confidential

Contact details:

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Homogeneity and Stability of the sample is passed.



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\*\*\*\*\* End of Report \*\*\*\*\*