



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name MEDQUEST HELTHCARE

Lab No 15856

Constituent Group Chemistry I

Date of Result Entered : 20/03/2022

PT Item Lyophilized Serum

Date of Report Published : 06/04/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	180	111.73	6.52	7.28	110 mg/dL	-0.24	1.09
2	UREA	Urease UV / GLDH	Mindray	197	83.53	6.93	5.79	93 mg/dL	1.64	0.83
3	CREATININE	Enzymatic Colorimetric	Mindray	56	4.28	8.32	0.36	4.5 mg/dL	0.62	0.10
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Mindray	167	1.50	11.13	0.17	1.2 mg/dL	-1.80	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	210	5.00	6.52	0.33	5 g/dL	0.00	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	205	3.15	8.42	0.26	3.1 g/dL	-0.19	0.04
7	CALCIUM	Arsenazo III	Mindray	165	8.72	7.89	0.69	8 mg/dL	-1.05	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	208	7.82	7.29	0.57	7.8 mg/dL	-0.04	0.08
9	CHOLESTEROL	CHOD-PAP	Mindray	216	104.92	6.67	7.00	105 mg/dL	0.01	0.95
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	201	209.14	7.11	14.86	207 mg/dL	-0.14	2.10
11	HDL CHO	Direct method / Enzymatic colorimetric	Mindray	159	24.03	10.06	2.42	25 mg/dL	0.40	0.38
12	SODIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	134	126.27	4.29	5.42	124 mmol/L	-0.42	0.94
13	POTASSIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	140	2.98	6.86	0.20	3.2 mmol/L	1.08	0.03
14	CHLORIDE	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	98	91.32	4.73	4.32	89 mmol/L	-0.54	0.87
15	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	178	238.86	8.13	19.43	277 U/L	1.96	2.91
16	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	171	165.25	12.14	20.05	172 U/L	0.34	3.07
17	ALP	PNP AMP kinetic	Mindray	123	208.84	14.58	30.44	223 U/L	0.47	5.49

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 \*\*\*\*\*