



CHRISTIAN MEDICAL COLLEGE

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



Lab Name	BHARATH DIAGNOSTIC & DIGITAL X-RAYS	Lab No	0104
Constituent Group	Chemistry I	Date of Result Entered :	18/08/2022
PT Item	Lyophilized Serum	Date of Report Published :	05/09/2022

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)	759	185.57	7.46	13.85	219.8 mg/dL	2.47	1.01
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	641	61.56	9.11	5.61	66.9 mg/dL	0.95	0.44
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	539	2.54	10.03	0.26	2.7 mg/dL	0.63	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	660	3.72	14.76	0.55	2.3 mg/dL	-2.59	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	786	6.00	9.91	0.59	4.8 g/dL	-2.02	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	751	3.53	8.21	0.29	3.5 g/dL	-0.10	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	606	11.08	9.39	1.04	11.7 mg/dL	0.60	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	360	5.09	12.15	0.62	4 mg/dL	-1.76	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	708	5.29	17.90	0.95	5.4 mg/dL	0.12	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	744	120.77	8.20	9.90	82.6 mg/dL	-3.86	0.73
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	660	109.75	10.60	11.64	104.9 mg/dL	-0.42	0.91
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	489	28.38	14.99	4.25	23.7 mg/dL	-1.10	0.38
13	SODIUM	ISE - Indirect	Any Analyser	589	139.61	2.97	4.14	137 mmol/L	-0.63	0.34
14	POTASSIUM	ISE - Indirect	Any Analyser	599	4.57	5.66	0.26	4.68 mmol/L	0.42	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	453	102.85	4.17	4.29	102.2 mmol/L	-0.15	0.40
16	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	501	97.71	16.55	16.17	122.8 U/L	1.55	1.44
17	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	448	46.28	17.91	8.29	38.3 U/L	-0.96	0.78

18	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	115	96.22	11.80	11.35	122.3 ug/dL	2.30	2.12
19	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	188	2.63	16.86	0.44	1.7 mg/dL	-2.11	0.06

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.

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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 *****