



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2022



PC-1024

Lab Name MDC X RAYS LABORATORY & ECG Lab No 15334
 Constituent Group Chemistry I Date of Result Entered : 10/06/2022
 PT item Lyophilized Serum Date of Report Published : 07/07/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	144.20	3.43	4.95	147.3 mg/dL	0.63	0.58
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	85.69	5.12	4.39	80.1 mg/dL	-1.27	0.51
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	256	8.41	4.60	0.39	8 mg/dL	-1.06	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	5.40	4.50	0.24	5.5 mg/dL	0.41	0.03
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	4.11	4.12	0.17	3.8 g/dL	-1.83	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	2.72	4.71	0.13	2.64 g/dL	-0.62	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	230	7.70	3.94	0.30	7.5 mg/dL	-0.66	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	2.66	3.94	0.10	2.6 mg/dL	-0.57	0.01
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	9.98	4.18	0.42	10.6 mg/dL	1.49	0.05
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	305	87.02	4.41	3.84	85.2 mg/dL	-0.47	0.44
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	277	156.92	3.93	6.17	155.7 mg/dL	-0.20	0.74
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	271	18.56	4.31	0.80	18.5 mg/dL	-0.07	0.10
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	961	113.20	5.02	5.68	113.5 mmol/L	0.05	0.37
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	972	2.04	11.50	0.24	2.07 mmol/L	0.13	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	796	82.39	7.07	5.82	87.4 mmol/L	0.86	0.41
16	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	269	47.21	7.20	3.40	45.4 U/L	-0.53	0.41
17	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	262	94.43	11.14	10.52	102.8 U/L	0.80	1.30

18	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	278	343.24	7.18	24.66	349.2 U/L	0.24	2.96
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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 *****