



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name MDC X RAYS LABORATORY & ECG

Lab No

15334

Constituent Group Chemistry I

Date of Result Entered :

11/04/2022

PT item Lyophilized Serum

Date of Report Published :

05/05/2022

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	282	226.00	3.27	7.39	231.7 mg/dL	0.77	0.88
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	35.43	5.66	2.00	32.5 mg/dL	-1.46	0.23
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	5.32	5.09	0.27	5.27 mg/dL	-0.18	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	2.67	4.67	0.12	2.8 mg/dL	1.04	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	291	5.12	3.87	0.20	4.7 g/dL	-2.12	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	281	3.38	4.08	0.14	3.36 g/dL	-0.14	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	10.88	2.89	0.31	10.8 mg/dL	-0.25	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	224	5.99	3.32	0.20	5.8 mg/dL	-0.95	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	277	6.61	4.04	0.27	6.8 mg/dL	0.71	0.03
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	296	110.66	4.06	4.49	109.4 mg/dL	-0.28	0.52
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	267	139.18	3.70	5.15	138.5 mg/dL	-0.13	0.63
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	263	23.94	5.26	1.26	24.2 mg/dL	0.21	0.16
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	986	135.62	2.99	4.05	136.2 mmol/L	0.14	0.26
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	958	3.94	5.03	0.20	4 mmol/L	0.30	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	739	105.68	3.86	4.08	106.5 mmol/L	0.20	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	258	113.84	5.68	6.47	112.1 U/L	-0.27	0.81
17	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	255	54.67	8.92	4.88	57.3 U/L	0.54	0.61
18	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	283	119.98	6.54	7.85	117.7 U/L	-0.29	0.93

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 *****