



Lab Name **MDC X RAYS LABORATORY & ECG** Lab No **15334**
 Constituent Group **Chemistry I** Date of Result Entered : **10/05/2022**
 PT item **Lyophilized Serum** Date of Report Published : **08/06/2022**

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	288	187.95	3.95	7.43	193.8 mg/dL	0.79	0.88
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	296	60.62	4.90	2.97	58.3 mg/dL	-0.78	0.35
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	253	2.63	5.62	0.15	2.34 mg/dL	-1.96	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	283	3.38	4.91	0.17	3.4 mg/dL	0.12	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	297	5.45	4.13	0.22	5.2 g/dL	-1.11	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	3.55	3.35	0.12	3.49 g/dL	-0.50	0.01
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	235	11.52	3.63	0.42	10.9 mg/dL	-1.48	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	228	4.72	3.52	0.17	4.4 mg/dL	-1.93	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	4.72	3.50	0.16	4.6 mg/dL	-0.73	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	119.46	4.25	5.07	115.7 mg/dL	-0.74	0.58
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	274	117.03	4.72	5.52	115.2 mg/dL	-0.33	0.67
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	267	23.63	5.37	1.27	23 mg/dL	-0.50	0.16
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1024	139.25	3.38	4.71	132 mmol/L	-1.54	0.29
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1002	4.58	5.70	0.26	4.29 mmol/L	-1.11	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	785	102.75	4.07	4.18	102.3 mmol/L	-0.11	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	262	63.96	6.62	4.24	62.5 U/L	-0.34	0.52
17	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	259	46.77	11.40	5.33	48.7 U/L	0.36	0.66
18	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	95.87	7.15	6.85	89 U/L	-1.00	0.81

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