

LAB MONTHLY SUMMARY



Lab Name **BIOLINE LABORATORY**

Lab No **10065**

Month **October**

Year **2021**

Constituent Group **Chemistry I**



Date of Result Entered : **12/10/2021**

Date of Report Published : **01/11/2021**

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	328.29	3.71	12.20	325.9 mg/dl	-0.20	1.43
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	41.93	6.45	2.71	44 mg/dl	0.76	0.31
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	245	1.14	8.06	0.09	1.1 mg/dl	-0.43	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	6.18	4.94	0.30	6.2 mg/dl	0.07	0.04
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	296	4.82	4.13	0.20	4.7 g/dl	-0.60	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	3.21	4.51	0.14	3.1 g/dl	-0.76	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	9.52	4.41	0.42	9.6 mg/dl	0.19	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	222	5.42	4.39	0.24	5.4 mg/dl	-0.08	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	5.12	4.82	0.25	5 mg/dl	-0.49	0.03
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	100.44	4.65	4.67	104.5 mg/dl	0.87	0.54
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	273	106.61	5.33	5.68	112.9 mg/dl	1.11	0.69
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	264	22.57	4.91	1.11	22.6 mg/dl	0.03	0.14
13	SODIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	303	135.40	2.97	4.02	136 mmol/L	0.15	0.46
14	POTASSIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	306	3.28	4.84	0.16	3.4 mmol/L	0.75	0.02
15	CHLORIDE	ISE - Indirect	Roche C111, C311, Integra 400	233	107.39	3.93	4.22	103.5 mmol/L	-0.92	0.55

			plus, C501, C502, C702							
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Roche C111, C311, Integra 400 plus, C501, C502, C702	35	18.79	18.61	3.50	16.3 mmol/L	-0.71	1.18
17	AST	UV kinetic without PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	208	213.66	6.52	13.93	222.6 U/L	0.64	1.93
18	ALT	UV kinetic without PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	206	74.83	10.25	7.67	82.4 U/L	0.99	1.07
19	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	88.33	8.34	7.37	89 U/L	0.09	0.87
20	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	159	156.19	4.08	6.38	153 U/L	-0.50	1.01
21	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	121	194.16	5.73	11.13	192.4 ug/dl	-0.16	2.02
22	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	94	1.48	6.30	0.09	1.5 mg/dl	0.22	0.02

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ± 1.0 to ± 2.0	Good.
Between ± 2.0 to ± 3.0	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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

