

VIEW LAB MONTHLY SUMMARY

Lab Name	ELIXIR DIAGNOSTIC CENTRE		Details About Robust Analysis							
Lab No	16011		Detail About Monthly Summary							
Month	June		Detail about SDI							
Year	2023									
Constituent Group	Chemistry I									
Click on the analyte to view Graphical Data			All Analyser Result		Print					
			Print Non Accredited Analytes							
			Date of Result Entered : 16/06/2023							
			Date of Report Published : 04/07/2023							
Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1157	123.88	6.67	8.26	120 mg/dL	-0.47	0.49
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	759	48.17	9.57	4.61	47.7 mg/dL	-0.10	0.33
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	176	2.02	8.94	0.18	1.78 mg/dL	-1.33	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	1028	2.93	12.68	0.37	2.64 mg/dL	-0.78	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1151	5.92	7.83	0.46	6.25 g/dL	0.71	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	829	3.54	7.30	0.26	3.54 g/dL	0.00	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	968	10.07	7.04	0.71	5.5 mg/dL	-6.44	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	473	4.39	15.00	0.66	4.29 mg/dL	-0.15	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1201	124.53	6.12	7.62	124.3 mg/dL	-0.03	0.44
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1112	176.08	8.42	14.82	181.3 mg/dL	0.35	0.89
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	862	29.06	13.00	3.78	31 mg/dL	0.51	0.26
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1247	134.31	3.28	4.40	133 mmol/L	-0.30	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1244	5.18	5.90	0.31	5.25 mmol/L	0.23	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	983	101.78	4.10	4.18	104.1 mmol/L	0.56	0.27
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1094	66.44	12.71	8.45	63.5 U/L	-0.35	0.51
16	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	938	105.30	10.80	11.37	105.4 U/L	0.01	0.74

17	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	284	69.12	20.55	14.21	10.8 U/L	-4.1	1.69
18	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	148	142.79	10.43	14.90	131.8 ug/dL	-0.74	2.45
19	UIBC	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	35	121.47	20.74	25.19	105.5 ug/dL	-0.63	8.52
20	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	211	2.46	14.27	0.35	2.39 mg/dL	-0.20	0.05

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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