

LAB MONTHLY SUMMARY



Lab Name IVY DIAGNOSTIC LAB Lab No 4756
 Month June Year 2021
 Constituent Group Chemistry I



Date of Result Entered : 11/06/2021

Date of Report Published : 03/07/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	685	406.06	8.98	36.45	418 mg/dl	0.33	2.79
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	176	26.68	17.21	4.59	24.5 mg/dl	-0.47	0.69
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	455	5.08	11.49	0.58	5.3 mg/dl	0.38	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	530	1.16	19.90	0.23	1.3 mg/dl	0.61	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	629	4.48	10.94	0.49	4.34 g/dl	-0.29	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	636	2.75	10.72	0.30	2.78 g/dl	0.10	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	490	9.12	9.01	0.82	9 mg/dl	-0.15	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	329	3.28	15.15	0.50	2.8 mg/dl	-0.97	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	530	3.51	18.01	0.63	3.2 mg/dl	-0.49	0.05
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	660	94.73	10.00	9.48	89.3 mg/dl	-0.57	0.74
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	626	84.23	13.70	11.54	80 mg/dl	-0.37	0.92
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	407	23.45	17.82	4.18	23.7 mg/dl	0.06	0.41
13	SODIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	135	120.05	3.91	4.70	120.2 mmol/L	0.03	0.81

14	POTASSIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	138	2.81	5.76	0.16	2.7 mmol/L	-0.68	0.03
15	CHLORIDE	ISE - Indirect	Siemens (Advia Series / Dimension Series)	109	86.35	5.61	4.85	90 mmol/L	0.75	0.93
16	AST	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	354	29.64	15.46	4.58	24 U/L	-1.23	0.49
17	ALT	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	293	224.12	20.12	45.10	240 U/L	0.35	5.27
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	406	106.78	18.01	19.23	110 U/L	0.17	1.91
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	122	36.62	21.29	7.79	30 U/L	-0.85	1.41
20	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	119	2.26	10.75	0.24	1.8 mg/dl	-1.89	0.04

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 *****