

LAB MONTHLY SUMMARY



Lab Name **OMSAI PATHOLOGY LABORATORY** Lab No **2672**
 Month **December** Year **2020**
 Constituent Group **Chemistry I**



Date of Result Entered : 13/12/2020

Date of Report Published : 31/12/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	243	141.92	6.74	9.66	125 mg/dl	-1.77	1.23
2	UREA	Urease UV / GLDH	Biosystems	232	78.72	8.30	6.53	81 mg/dl	0.35	0.86
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	209	4.11	9.57	0.39	4.1 mg/dl	-0.03	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	176	2.21	14.96	0.33	2.3 mg/dl	0.27	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	239	4.68	7.95	0.37	4.96 g/dl	0.75	0.05
6	ALBUMIN	BCG - colorimetric	Biosystems	247	2.95	9.09	0.27	2.88 g/dl	-0.26	0.03
7	CALCIUM	Arsenazo III	Biosystems	147	8.09	11.04	0.89	8.1 mg/dl	0.01	0.15
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	90	5.73	11.51	0.66	4.4 mg/dl	-2.02	0.14
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	223	4.04	13.82	0.56	3.6 mg/dl	-0.79	0.07
10	CHOLESTEROL	CHOD-PAP	Biosystems	241	100.97	9.16	9.25	90 mg/dl	-1.19	1.19
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	216	104.67	12.07	12.63	92 mg/dl	-1.00	1.72
12	HDL CHO	Direct method / Enzymatic colorimetric	Biosystems	159	24.60	18.16	4.47	22.2 mg/dl	-0.54	0.71
13	SODIUM	ISE - Indirect	Any Analyser	975	120.47	4.01	4.83	121 mmol/L	0.11	0.31
14	POTASSIUM	ISE - Indirect	Any Analyser	958	5.76	7.38	0.42	5.7 mmol/L	-0.14	0.03
15	CHLORIDE	ISE - Indirect	Any Analyser	707	90.72	5.45	4.94	91.5 mmol/L	0.16	0.37
16	AST	UV kinetic without PLP (P-5-P)	Biosystems	204	171.31	11.51	19.72	166 U/L	-0.27	2.76
17	ALT	UV kinetic without PLP (P-5-P)	Biosystems	194	155.93	13.70	21.37	156 U/L	0.00	3.07
18	ALP	PNP DEA kinetic	Biosystems	26	98.17	11.34	11.13	98 U/L	-0.02	4.37
19	AMYLASE	CNPG3	Biosystems	129	51.18	15.07	7.71	53 U/L	0.24	1.36
20	MAGNESIUM	OTHERS (Any Other Principles / Methods)	Any Analyser	91	2.21	10.88	0.24	5.7 mg/dl	14.54	0.05

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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