

LAB MONTHLY SUMMARY



Lab Name PEOPLES COLLEGE
OF MEDICAL
SCIENCES &
RESEARCH CENTER Lab No 1791

Month December Year 2020

Constituent Group Chemistry I



Date of Result Entered : 14/12/2020

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	9.56	137 mg/dl	-0.51	1.23
2	UREA	Urease UV / GLDH	Biosystems	232	78.72	8.30	6.53	78.94 mg/dl	0.03	0.86
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	209	4.11	9.57	0.39	3.91 mg/dl	-0.51	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	176	2.21	14.96	0.33	2.08 mg/dl	-0.39	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	239	4.68	7.95	0.37	5.1 g/dl	1.13	0.05
6	ALBUMIN	BCG - colorimetric	Biosystems	247	2.95	9.09	0.27	2.8 g/dl	-0.56	0.03
7	CALCIUM	Arsenazo III	Biosystems	147	8.09	11.04	0.89	7.77 mg/dl	-0.36	0.15
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	90	5.73	11.51	0.66	4.92 mg/dl	-1.23	0.14
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	223	4.04	13.82	0.56	3.5 mg/dl	-0.97	0.07
10	CHOLESTEROL	CHOD-PAP	Biosystems	241	100.97	9.16	9.25	86.4 mg/dl	-1.58	1.19
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	216	104.67	12.07	12.63	96.04 mg/dl	-0.68	1.72
12	HDL CHO	Direct method / Enzymatic colorimetric	Biosystems	159	24.60	18.16	4.47	26.83 mg/dl	0.50	0.71
13	SODIUM	ISE - Direct	Any Analyser	146	120.62	4.85	5.86	121.4 mmol/L	0.13	0.97
14	POTASSIUM	ISE - Direct	Any Analyser	151	5.81	7.09	0.41	6.06 mmol/L	0.61	0.07
15	AST	UV kinetic without PLP (P-5-P)	Biosystems	204	171.31	11.51	19.72	140 U/L	-1.59	2.76
16	ALT	UV kinetic without PLP (P-5-P)	Biosystems	194	155.93	13.70	21.37	89 U/L	-3.13	3.07
17	ALP	PNP AMP kinetic	Biosystems	193	95.36	14.39	13.72	107 U/L	0.85	1.98
18	AMYLASE	CNPG3	Biosystems	129	51.18	15.07	7.71	48 U/L	-0.41	1.36
19	MAGNESIUM	Xylidyl Blue	Biosystems	23	2.36	16.84	0.40	2.6 mg/dl	0.60	0.17

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.

AS
6/5/21

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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

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