

## LAB MONTHLY SUMMARY



PEOPLES COLLEGE  
OF MEDICAL  
SCIENCES &  
RESEARCH CENTER

Lab Name                      Lab No 1791

Month                          January                      Year    2021

Constituent                  Chemistry I  
Group



Date of Result Entered : 20/01/2021

Date of Report Published : 05/02/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	216	123.14	6.45	7.94	177 mg/dl	6.78	1.08
2	UREA	Urease UV / GLDH	Biosystems	196	29.45	11.37	3.35	26 mg/dl	-1.03	0.48
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	154	1.55	11.05	0.17	1.06 mg/dl	-2.87	0.03
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	185	2.32	19.56	0.45	2.1 mg/dl	-0.48	0.07
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	204	5.10	7.79	0.40	5.7 g/dl	1.51	0.06
6	ALBUMIN	BCG - colorimetric	Biosystems	200	3.11	9.27	0.29	3.1 g/dl	-0.03	0.04
7	CALCIUM	Arsenazo III	Biosystems	132	8.58	9.42	0.81	9.88 mg/dl	1.61	0.14
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	91	4.25	13.30	0.57	4.31 mg/dl	0.11	0.12
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	201	5.30	11.33	0.60	4.52 mg/dl	-1.30	0.08
10	CHOLESTEROL	CHOD-PAP	Biosystems	209	105.88	7.01	7.42	98.27 mg/dl	-1.03	1.03
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	199	132.51	9.62	12.75	125.23 mg/dl	-0.57	1.81
12	HDL CHO	Direct method / Enzymatic colorimetric	Biosystems	140	27.19	16.94	4.61	30.16 mg/dl	0.64	0.78
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	394	139.59	3.46	4.83	145.4 mmol/L	1.20	0.49
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	395	2.98	5.77	0.17	3 mmol/L	0.12	0.02
15	AST	UV kinetic without PLP ( P-5-P )	Biosystems	147	62.56	9.55	5.98	63.53 U/L	0.16	0.99
16	ALT	UV kinetic without PLP ( P-5-P )	Biosystems	143	64.67	13.80	8.93	67.7 U/L	0.34	1.49
17	ALP	PNP AMP kinetic	Biosystems	173	85.72	13.82	11.85	83.56 U/L	-0.18	1.80
18	AMYLASE	CNPG3	Biosystems	89	40.51	15.02	6.08	32.45 U/L	-1.32	1.29
19	MAGNESIUM	Xylidyl Blue	Biosystems	22	2.06	10.37	0.21	2.03 mg/dl	-0.14	0.09

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.

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Between $\pm 2.0$ to $\pm 3.0$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	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 \*\*\*\*\*

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6/5/21