

## LAB MONTHLY SUMMARY



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

Month **March** Year **2021**

Constituent Group **Chemistry I**



Date of Result Entered : 20/03/2021

Date of Report Published : 01/04/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	230	169.20	6.59	11.15	150.93 mg/dl	-1.64	1.47
2	UREA	Urease UV / GLDH	Biosystems	210	114.21	8.44	9.64	106.07 mg/dl	-0.84	1.33
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	151	5.91	9.68	0.57	4.75 mg/dl	-2.03	0.09
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	200	2.93	15.70	0.46	2.49 mg/dl	-0.96	0.07
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	230	5.33	9.02	0.48	5.2 g/dl	-0.27	0.06
6	ALBUMIN	BCG - colorimetric	Biosystems	211	3.24	7.90	0.26	3.05 g/dl	-0.74	0.04
7	CALCIUM	Arsenazo III	Biosystems	138	10.92	12.80	1.40	10.74 mg/dl	-0.13	0.24
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	99	3.75	16.62	0.62	2.63 mg/dl	-1.79	0.13
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	219	6.77	9.32	0.63	6.31 mg/dl	-0.73	0.09
10	CHOLESTEROL	CHOD-PAP	Biosystems	226	111.61	8.54	9.53	97.78 mg/dl	-1.45	1.27
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	206	168.81	9.87	16.67	155.2 mg/dl	-0.82	2.32
12	HDL CHO	Direct method / Enzymatic colorimetric	Biosystems	125	25.76	14.59	3.76	25.25 mg/dl	-0.14	0.67
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	520	3.89	4.75	0.18	4 mmol/L	0.59	0.02
14	AST	UV kinetic without PLP ( P-5-P )	Biosystems	113	176.65	9.63	17.02	167.65 U/L	-0.53	3.20
15	ALT	UV kinetic without PLP ( P-5-P )	Biosystems	119	97.29	12.11	11.78	93.63 U/L	-0.31	2.16
16	ALP	PNP AMP kinetic	Biosystems	163	217.81	12.01	26.17	202.99 U/L	-0.57	4.10
17	AMYLASE	CNPG3	Biosystems	88	53.60	13.57	7.27	43.57 U/L	-1.38	1.55
18	MAGNESIUM	Xylidyl Blue	Biosystems	20	2.64	10.66	0.28	2.49 mg/dl	-0.53	0.13

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between $\pm 1.0$ to $\pm 2.0$	Good.
Between $\pm 2.0$ to $\pm 3.0$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	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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*6/5/21*