

## LAB MONTHLY SUMMARY



PEOPLES COLLEGE  
OF MEDICAL  
SCIENCES &  
RESEARCH CENTER

Lab Name                      Lab No 1791

Month                         May                              Year     2021

Constituent                 Chemistry I  
Group



Date of Result Entered : 18/05/2021

Date of Report Published : 05/06/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	222	210.36	7.13	15.00	190.49 mg/dl	-1.32	2.01
2	UREA	Urease UV / GLDH	Biosystems	211	74.17	8.65	6.42	66.6 mg/dl	-1.18	0.88
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	152	3.16	9.80	0.31	2.9 mg/dl	-0.84	0.05
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Biosystems	192	2.62	17.53	0.46	2.19 mg/dl	-0.93	0.07
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	208	5.19	7.14	0.37	4.95 g/dl	-0.65	0.05
6	ALBUMIN	BCG - colorimetric	Biosystems	195	3.21	8.80	0.28	3.01 g/dl	-0.71	0.04
7	CALCIUM	Arsenazo III	Biosystems	133	9.91	8.97	0.89	9.4 mg/dl	-0.57	0.15
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	79	3.58	16.50	0.59	3.87 mg/dl	0.49	0.13
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	188	5.08	9.92	0.50	4.49 mg/dl	-1.17	0.07
10	CHOLESTEROL	CHOD-PAP	Biosystems	213	109.39	8.20	8.97	96.7 mg/dl	-1.41	1.23
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	201	145.39	10.34	15.03	126.68 mg/dl	-1.24	2.12
12	HDL CHO	Direct method / Enzymatic colorimetric	Biosystems	146	27.03	18.23	4.93	28.57 mg/dl	0.31	0.82
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	529	138.84	3.34	4.64	130.5 mmol/L	-1.80	0.40
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation )	543	4.02	5.99	0.24	3.81 mmol/L	-0.87	0.02
15	AST	UV kinetic without PLP ( P-5-P )	Biosystems	121	67.65	13.06	8.83	57.49 U/L	-1.15	1.61
16	ALT	UV kinetic without PLP ( P-5-P )	Biosystems	116	101.64	17.08	17.36	107.6 U/L	0.34	3.22
17	ALP	PNP AMP kinetic	Biosystems	176	543.30	17.40	94.56	497.59 U/L	-0.48	14.26
18	AMYLASE	CNPG3	Biosystems	83	160.22	12.72	20.38	145.59 U/L	-0.72	4.47

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.

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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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