

LAB MONTHLY SUMMARY



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

Month **April** Year **2021**

Constituent **Chemistry I**
Group



Date of Result Entered : 20/04/2021

Date of Report Published : 01/05/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	235	160.41	7.77	11.68	148 mg/dl	-0.21	1.52
2	UREA	Urease UV / GLDH	Biosystems	219	59.00	8.85	5.22	57.26 mg/dl	-0.33	0.71
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	163	2.73	9.39	0.26	2.75 mg/dl	0.08	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	186	2.61	16.48	0.43	2.12 mg/dl	-1.14	0.06
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	231	5.29	8.26	0.44	5.3 g/dl	0.02	0.06
6	ALBUMIN	BCG - colorimetric	Biosystems	220	3.25	8.64	0.28	3.2 g/dl	-0.18	0.04
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	71	8.38	10.32	0.86	6.67 mg/dl	-1.98	0.21
8	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	225	6.53	10.95	0.72	5.95 mg/dl	-0.81	0.10
9	CHOLESTEROL	CHOD-PAP	Biosystems	230	116.03	8.94	10.37	110.28 mg/dl	-0.55	1.37
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	203	130.94	10.62	13.91	123.88 mg/dl	-0.51	1.95
11	HDL CHO	Direct method / Enzymatic colorimetric	Biosystems	147	27.95	18.50	5.17	29.85 mg/dl	0.37	0.85
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	541	134.22	3.33	4.47	133.8 mmol/L	-0.09	0.38
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	546	6.05	7.91	0.48	6.2 mmol/L	0.31	0.04
14	AST	UV kinetic without PLP (P-5-P)	Biosystems	131	53.39	10.93	5.83	47.38 U/L	-1.03	1.02
15	ALT	UV kinetic without PLP (P-5-P)	Biosystems	111	239.84	12.12	29.06	199.98 U/L	-1.37	5.52
16	ALP	PNP AMP kinetic	Biosystems	196	140.54	13.02	18.29	174 U/L	1.83	2.61
17	AMYLASE	CNPG3	Biosystems	95	104.55	11.54	12.06	96 U/L	-0.71	2.48

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.

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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