

LAB MONTHLY SUMMARY



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

Month **February** Year **2021**

Constituent Group **Chemistry I**



Date of Result Entered : 15/02/2021

Date of Report Published : 06/03/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	220	258.67	6.30	16.30	258.32 mg/dl	-0.02	2.20
2	UREA	Urease UV / GLDH	Biosystems	211	43.63	10.03	4.38	44 mg/dl	0.08	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	151	1.81	9.17	0.17	1.54 mg/dl	-1.63	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	197	3.68	11.67	0.43	3.13 mg/dl	-1.28	0.06
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	218	5.18	6.41	0.33	5.4 g/dl	0.66	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	207	3.20	8.60	0.28	2.78 g/dl	-1.53	0.04
7	CALCIUM	Arsenazo III	Biosystems	133	10.22	8.97	0.92	9.76 mg/dl	-0.50	0.16
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	96	5.43	12.88	0.70	5.16 mg/dl	-0.39	0.14
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	202	8.79	8.10	0.71	8.95 mg/dl	0.22	0.10
10	CHOLESTEROL	CHOD-PAP	Biosystems	208	107.68	7.40	7.97	103.65 mg/dl	-0.51	1.11
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	207	94.25	11.32	10.66	81.34 mg/dl	-1.21	1.48
12	HDL CHO	Direct method / Enzymatic colorimetric	Biosystems	130	26.59	17.14	4.56	27.84 mg/dl	0.27	0.80
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	484	135.87	3.17	4.30	139.3 mmol/L	0.80	0.39
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	484	4.50	5.83	0.26	4.73 mmol/L	0.88	0.02
15	AST	UV kinetic without PLP (P-5-P)	Biosystems	136	93.58	13.24	12.39	100.31 U/L	0.54	2.13
16	ALT	UV kinetic without PLP (P-5-P)	Biosystems	111	107.79	13.43	14.48	117.23 U/L	0.65	2.75
17	ALP	PNP AMP kinetic	Biosystems	170	94.88	10.32	9.79	92.84 U/L	-0.21	1.50
18	AMYLASE	CNPG3	Biosystems	71	106.14	12.47	13.24	99.35 U/L	-0.51	3.14

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.

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Beyond ± 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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