

LAB MONTHLY SUMMARY



Lab Name **CPC MEDICAL LABORATORY**

Lab No **2807**

Month **May**

Year **2021**

Constituent Group **Chemistry I**



Date of Result Entered : 19/05/2021

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	Transasia / Erba	835	219.71	7.20	15.82	240 mg/dl	1.28	1.10
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	188	75.06	12.97	9.74	86 mg/dl	1.12	1.42
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	331	3.22	6.17	0.20	3.7 mg/dl	2.41	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	791	2.46	11.44	0.28	2.3 mg/dl	-0.57	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	799	5.52	7.67	0.42	5.3 g/dl	-0.52	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	797	3.17	6.37	0.20	3 g/dl	-0.84	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	561	10.09	7.73	0.78	9.7 mg/dl	-0.50	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	340	3.83	12.35	0.47	3.9 mg/dl	0.15	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	733	4.92	9.21	0.45	4.1 mg/dl	-1.81	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	823	106.05	9.74	10.33	109 mg/dl	0.29	0.72
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	789	130.59	11.10	14.50	121 mg/dl	-0.66	1.03
12	HDL CHO	Precipitation method	Any Analyser (Automation / Semi Automation)	116	27.02	18.58	5.02	29 mg/dl	0.39	0.93
13	SODIUM	Flame Emission	Any Analyser	38	139.22	3.44	4.78	133 mmol/L	-1.30	1.55
14	POTASSIUM	Flame Emission	Any Analyser	35	4.12	8.13	0.34	4.1 mmol/L	-0.06	0.11
15	CHLORIDE	Thiocyanate	Any Analyser (Automation / Semi Automation)	60	101.96	6.06	6.18	100 mmol/L	-0.32	1.60
16	AST	UV kinetic without PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	194	59.70	10.04	5.99	62 U/L	0.38	0.86
17	ALT	UV kinetic without PLP (P-5-P)	Transasia / Erba	537	87.62	18.88	16.54	92 U/L	0.26	1.43
18	ALP	PNP AMP kinetic	Transasia / Erba	648	544.90	17.72	96.53	867 U/L	3.34	7.58
19	AMYLASE	CNPG3	Transasia / Erba	320	121.88	19.81	24.14	136 U/L	0.58	2.70
20	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	118	2.61	16.75	0.44	2.4 mg/dl	-0.48	0.08

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.

Homogeneity and Stability of the sample is ensured

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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***** End of Report *****

MAY 2021

SI NO	ANALYTE	CORRECTIVE ACTION TAKEN	OBSERVED VALUE AFTER CORRECTIVE ACTION TAKEN	REMARKS	SIGN
3	Creatinine	Recalibrated	3.3	QC passed	<u>Jmcy</u>
18	ALP	Recalibrated	547	QC passed	<u>Jmcy</u>

Jmcy

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