

LAB MONTHLY SUMMARY



Lab Name **CPC MEDICAL LABORATORY** Lab No **2807**
 Month **April** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 17/04/2021

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	Transasia / Erba	867	155.85	6.85	10.68	172 mg/dl	1.51	0.73
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	197	60.44	13.03	7.88	61 mg/dl	0.07	1.12
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	328	2.73	6.85	0.19	3 mg/dl	1.44	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	791	2.34	13.13	0.31	2.2 mg/dl	-0.46	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	826	5.58	8.04	0.45	7 g/dl	3.16	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	813	3.25	6.29	0.20	4 g/dl	3.68	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	585	10.98	8.59	0.94	11.8 mg/dl	0.87	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	377	8.09	13.37	1.08	7 mg/dl	-1.01	0.11
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	817	6.38	9.89	0.63	7.9 mg/dl	2.41	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	837	112.38	8.45	9.50	112 mg/dl	-0.04	0.66
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	781	111.53	13.29	14.83	108 mg/dl	-0.24	1.06
12	HDL CHO	Precipitation method	Any Analyser (Automation / Semi Automation)	130	27.70	20.26	5.61	38 mg/dl	1.84	0.98
13	SODIUM	Flame Emission	Any Analyser	44	135.95	3.94	5.36	135 mmol/L	-0.18	1.62
14	POTASSIUM	Flame Emission	Any Analyser	40	5.77	12.17	0.70	6 mmol/L	0.33	0.22
15	CHLORIDE	Thiocyanate	Any Analyser (Automation / Semi Automation)	64	103.46	5.12	5.30	95 mmol/L	-1.60	1.32
16	AST	UV kinetic without PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	191	45.56	6.92	3.15	75 U/L	9.35	0.46
17	ALT	UV kinetic without PLP (P-5-P)	Transasia / Erba	523	225.47	11.94	26.92	110 U/L	-4.29	2.35
18	ALP	PNP AMP kinetic	Transasia / Erba	704	135.58	14.53	19.69	172 U/L	1.85	1.48
19	AMYLASE	CNPG3	Transasia / Erba	333	79.97	18.66	14.92	82 U/L	0.14	1.64
20	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	111	1.99	15.01	0.30	3 mg/dl	3.37	0.06

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 passed.

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Data in CMC EQAS reports is confidential

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

APRIL 2021

SI NO	ANALYTE	CORRECTIVE ACTION TAKEN	OBSERVED VALUE AFTER CORRECTIVE ACTION TAKEN	REMARKS	SLN
5	T. Protein	Recalibrated	5.0	QC passed.	<u>Imly</u>
6	Albumin	Recalibrated	3.5	QC passed.	<u>Imly</u>
9	Uric Acid	Recalibrated	6.5	QC passed.	<u>Imly</u>
16	AST	Recalibrated	50	QC passed.	<u>Imly</u>
17	ALT	Recalibrated	220	QC passed.	<u>Imly</u>
20	Magnesium	Recalibrated	2.5	QC passed.	<u>Imly</u>

Imly

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