

LAB MONTHLY SUMMARY



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



Date of Result Entered : 18/06/2021

Date of Report Published : 03/07/2021

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	853	423.45	6.38	27.00	479 mg/dl	2.06	1.85
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	176	26.68	17.21	4.59	23 mg/dl	-0.80	0.69
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	337	5.34	5.77	0.31	6 mg/dl	2.14	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	800	1.01	15.05	0.15	1 mg/dl	-0.07	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	800	4.60	7.63	0.35	4.6 g/dl	0.00	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	817	2.72	6.11	0.17	2.7 g/dl	-0.12	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	577	9.33	7.83	0.73	9 mg/dl	-0.45	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	376	3.45	12.90	0.44	4.1 mg/dl	1.46	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	784	3.59	12.09	0.43	3.2 mg/dl	-0.90	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	853	91.43	9.66	8.83	120 mg/dl	3.24	0.60
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	804	67.44	17.44	11.76	56 mg/dl	-0.97	0.83
12	HDL CHO	Precipitation method	Any Analyser (Automation / Semi Automation)	116	24.73	19.83	4.90	20 mg/dl	-0.96	0.91
13	SODIUM	Flame Emission	Any Analyser	44	125.62	9.03	11.34	123 mmol/L	-0.23	3.42
14	POTASSIUM	Flame Emission	Any Analyser	40	3.00	11.68	0.35	2.7 mmol/L	-0.86	0.11
15	CHLORIDE	Thiocyanate	Any Analyser (Automation / Semi Automation)	66	91.30	9.50	8.67	86 mmol/L	-0.61	2.13
16	AST	UV kinetic without PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	193	27.81	9.69	2.69	26 U/L	-0.67	0.39
17	ALT	UV kinetic without PLP (P-5-P)	Transasia / Erba	492	234.18	18.31	42.88	195 U/L	-0.91	3.87
18	ALP	PNP AMP kinetic	Transasia / Erba	717	106.17	15.46	16.42	240 U/L	8.15	1.23
19	AMYLASE	CNPG3	Transasia / Erba	338	28.48	19.78	5.63	32 U/L	0.62	0.61
20	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	119	2.26	10.75	0.24	2.6 mg/dl	1.40	0.04

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.

Data in CMC EQAS reports is confidential

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CMC EQAS Co-Ordinator

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

JUNE 2021

SI NO	ANALYTE	CORRECTIVE ACTION TAKEN	OBSERVED VALUE AFTER CORRECTIVE ACTION TAKEN	REMARKS	SIGN
1	Glucose	Recalibrated	420	QC passed	<u>Jmcy</u>
3	Creatinine	Recalibrated	5.6	QC passed	<u>Jmcy</u>
10	cholesterol	Recalibrated	95	QC passed	<u>Jmcy</u>
18	ALP	Recalibrated	110	QC passed	<u>Jmcy</u>

Jmcy

JINCY R CHANDRAN
MSc Biochemistry
Quality Manager