

LAB MONTHLY SUMMARY



Lab Name **CPC MEDICAL LABORATORY**
 Month **July**
 Constituent Group **Chemistry I**

Lab No **2807**
 Year **2021**



Date of Result Entered : 19/07/2021

Date of Report Published : 02/08/2021

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	910	102.19	7.76	7.94	101 mg/dl	-0.15	0.53
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	192	133.95	13.52	18.10	141 mg/dl	0.39	2.61
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	347	8.36	5.70	0.48	8.3 mg/dl	-0.13	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrasik	Transasia / Erba	819	5.87	8.13	0.48	5.9 mg/dl	0.06	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	853	5.50	7.98	0.44	6 g/dl	1.14	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	838	3.18	5.19	0.16	3 g/dl	-1.09	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	560	10.52	8.08	0.85	10 mg/dl	-0.61	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	364	6.64	10.13	0.67	6.7 mg/dl	0.09	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	820	9.67	10.41	1.01	10.3 mg/dl	0.63	0.07
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	858	101.60	10.37	10.53	94 mg/dl	-0.72	0.72
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	799	208.75	8.36	17.45	201 mg/dl	-0.44	1.23
12	HDL CHO	Precipitation method	Any Analyser (Automation / Semi Automation)	124	26.67	15.79	4.21	27 mg/dl	0.08	0.76
13	SODIUM	Flame Emission	Any Analyser	43	141.60	3.50	4.96	141 mmol/L	-0.12	1.51
14	POTASSIUM	Flame Emission	Any Analyser	43	3.73	8.44	0.32	3.5 mmol/L	-0.73	0.10
15	CHLORIDE	Thiocyanate	Any Analyser (Automation / Semi Automation)	70	100.72	5.14	5.18	99 mmol/L	-0.33	1.24
16	AST	UV kinetic without PLP (P-5-P)	Roche C111, C311, Integra 400 plus, C501, C502, C702	198	113.54	11.11	12.61	16 U/L	-7.74	1.79
17	ALT	UV kinetic without PLP (P-5-P)	Transasia / Erba	460	37.08	19.11	7.09	10 U/L	-3.82	0.66
18	ALP	PNP AMP kinetic	Transasia / Erba	667	150.65	15.93	23.99	155 U/L	0.18	1.86
19	AMYLASE	CNPG3	Transasia / Erba	308	90.80	18.24	16.56	126 U/L	2.13	1.89
20	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	107	3.27	19.48	0.64	3.2 mg/dl	-0.11	0.12

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

Contact details:

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Pamela Christudoss

Dr. Pamela Christudoss

CMC EQAS Co-Ordinator

Christian Medical College, Vellore

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

JULY 2021

SI NO	ANALYTE	CORRECTIVE ACTION TAKEN	OBSERVED VALUE AFTER CORRECTIVE ACTION TAKEN	REMARKS	SIGN
16	AST	Recalibrated	115	QC passed.	<u>Jm14</u>
17	ALT	Recalibrated	39	QC passed.	<u>Jm14</u>
19	Amylase	Recalibrated	93	QC passed.	<u>Jm14</u>

Jm14
JINCY R CHANDRAN
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 Quality Manager