



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2022



PC-1024

Lab Name **KGMT MULTISPECIALITY HOSPITAL,
DEPT OF LABORATORY MEDICINE**

Lab No **16128**

Constituent Group **Chemistry I**

Date of Result Entered : **07/10/2022**

PT item **Lyophilized Serum**

Date of Report Published : **03/11/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	162	111.52	5.59	6.23	103.66 mg/dL	-1.26	0.98
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	652	126.23	9.59	12.11	149.8 mg/dL	1.95	0.95
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	128	8.18	8.86	0.72	8.68 mg/dL	0.69	0.13
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	667	5.68	12.89	0.73	5.52 mg/dL	-0.22	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	801	5.61	9.70	0.54	5.52 g/dL	-0.17	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	766	3.35	7.79	0.26	3.46 g/dL	0.42	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	640	10.60	8.98	0.95	10.3 mg/dL	-0.32	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	748	6.25	13.83	0.86	5.77 mg/dL	-0.56	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	756	111.32	8.47	9.43	99 mg/dL	-1.31	0.69
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	748	138.64	11.17	15.48	106 mg/dL	-2.11	1.13
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	496	27.84	14.72	4.10	27.45 mg/dL	-0.10	0.37
12	SODIUM	ISE - Direct	Transasia / Erba	201	129.99	3.00	3.90	129 mmol/L	-0.25	0.55
13	POTASSIUM	ISE - Direct	Transasia / Erba	212	4.32	4.40	0.19	4.3 mmol/L	-0.11	0.03
14	CHLORIDE	ISE - Direct	Transasia / Erba	144	97.48	3.90	3.80	98.6 mmol/L	0.29	0.63
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	687	38.71	14.68	5.68	35 U/L	-0.65	0.43
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	632	273.06	19.96	54.49	308 U/L	0.64	4.34
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	537	202.06	16.96	34.28	192 U/L	-0.29	2.96
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	179	99.95	14.51	14.50	99.4 U/L	-0.04	2.17

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :

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**Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *******