



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2023



PC-1024

Lab Name	Department of Pathology, Rani Laxmi Bai Hospital	Lab No	13367
Constituent Group	Chemistry I	Date of Result Entered :	19/04/2023
PT item	Lyophilized human serum based	Date of Report Published :	08/05/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1042	149.08	6.86	10.22	143 mg/dL	-0.59	0.63
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	706	38.03	10.55	4.01	39 mg/dL	0.24	0.30
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	316	2.86	9.95	0.28	3.84 mg/dL	3.5	0.03
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	229	2.99	11.96	0.36	2.3 mg/dL	-1.93	0.05

5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1024	5.63	8.55	0.48	6 g/dL	0.77	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	750	3.39	7.50	0.25	3.3 g/dL	-0.35	0.02
7	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1000	5.67	14.41	0.82	7.1 mg/dL	1.75	0.05
8	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1078	120.85	10.87	13.13	124 mg/dL	0.24	0.80
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1036	111.58	10.98	12.25	116.8 mg/dL	0.43	0.76
10	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	742	29.95	20.73	6.21	20.8 mg/dL	-1.47	0.46
11	SODIUM	ISE - Indirect	Any Analyser	543	131.91	2.91	3.84	138 mmol/L	1.59	0.33
12	POTASSIUM	ISE - Indirect	Any Analyser	538	5.41	5.97	0.32	5.9 mmol/L	1.52	0.03
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1031	86.19	17.90	15.42	93.4 U/L	0.47	0.96
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1049	66.71	17.40	11.61	78 U/L	0.97	0.72
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	355	130.78	23.06	30.15	169.8 U/L	1.29	3.20

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.

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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 *******