



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2023



PC-1024

Lab Name JANNAYAR KARPOORI THAKUR MEDICAL COLLEGE & HOSPITAL

Lab No 18538

Constituent Group Chemistry I

Date of Result Entered : 16/11/2023

PT item Lyophilized human serum based

Date of Report Published : 05/12/2023

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)	1139	93.46	6.69	6.25	104.6 mg/dL	1.78	0.37
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	711	91.14	8.85	8.06	71.13 mg/dL	-2.48	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	868	1.05	12.72	0.13	1.4 mg/dL	2.63	0.01
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	250	7.92	9.80	0.78	6.3 mg/dL	-2.09	0.10
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1156	4.13	10.84	0.45	4.15 g/dL	0.04	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	823	2.55	9.64	0.25	2.87 g/dL	1.30	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	938	8.17	7.36	0.60	8.85 mg/dL	1.13	0.04
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1000	3.67	15.36	0.56	4.47 mg/dL	1.42	0.04
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1071	73.71	10.36	7.64	78.4 mg/dL	0.61	0.47
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1070	166.27	7.19	11.95	153.7 mg/dL	-1.05	0.73
11	HDL	Precipitation method	Any Analyser (Automation / Semi Automation)	106	22.31	17.35	3.87	28.5 mg/dL	1.60	0.75
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1140	111.95	13.93	15.59	98.9 U/L	-0.84	0.92
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1129	29.54	15.14	4.47	35.57 U/L	1.34	0.27
14	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	347	130.42	18.16	23.69	134.4 U/L	0.17	2.54

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