



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2022



PC-1024

Lab Name INLAKS GENERAL HOSPITAL

Lab No

5396

Constituent Group Chemistry I

Date of Result Entered :

20/07/2022

PT item Lyophilized Serum

Date of Report Published :

05/08/2022

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	924	319.86	6.71	21.47	314 mg/dL	-0.27	1.41
2	UREA	Urease UV / GLDH	Transasia / Erba	938	131.80	8.04	10.60	118 mg/dL	-1.30	0.69
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	451	4.28	7.87	0.34	4.52 mg/dL	0.71	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	981	0.97	19.05	0.18	0.92 mg/dL	-0.27	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	952	6.08	7.45	0.45	6.59 g/dL	1.13	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	971	3.46	5.97	0.21	3.56 g/dL	0.48	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	668	10.20	8.48	0.86	10.7 mg/dL	0.58	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	446	7.09	9.74	0.69	8 mg/dL	1.32	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	915	3.53	11.62	0.41	3.3 mg/dL	-0.56	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	934	113.21	7.99	9.05	120 mg/dL	0.75	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	881	238.60	8.40	20.03	262 mg/dL	1.17	1.35
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	692	27.55	10.30	2.84	27 mg/dL	-0.19	0.22
13	SODIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	166	139.21	3.84	5.34	142.3 mmol/L	0.58	0.83
14	POTASSIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	179	5.05	7.91	0.40	5.13 mmol/L	0.20	0.06
15	CHLORIDE	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	129	99.75	4.63	4.61	100.2 mmol/L	0.10	0.81
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	828	125.74	9.92	12.47	116 U/L	-0.78	0.87
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	835	57.35	13.54	7.76	64 U/L	0.86	0.54
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	159	287.92	15.63	45.01	174 U/L	-2.53	7.14

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 :

INLAKS GENERAL HOSPITAL
 PATHOLOGY DEPARTMENT, 1ST FLOOR CHEMBUR COLONY ROAD
 MUMBAI
 MAHARASHTRA400074