



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2022



PC 1024

Lab Name **NIRNAYA CLINICAL LABORATORY**Lab No **15228**Constituent Group **Chemistry I**Date of Result Entered : **12/02/2022**PT Item **Lyophilized Serum**Date of Report Published : **05/03/2022**

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)	636	279.83	7.93	22.19	290 mg/dl	0.46	1.76
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	566	29.14	11.31	3.30	24 mg/dl	-1.56	0.28
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	480	1.14	14.51	0.17	1.1 mg/dl	-0.24	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	568	5.14	12.34	0.63	4.8 mg/dl	-0.54	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	633	5.54	8.45	0.47	5.8 g/dl	0.56	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	617	3.39	7.94	0.27	3.6 g/dl	0.78	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	529	10.32	8.98	0.93	10.5 mg/dl	0.19	0.08
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	588	4.39	18.02	0.79	5.8 mg/dl	1.78	0.07
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	641	114.08	9.55	10.89	129 mg/dl	1.37	0.86
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	599	106.17	11.25	11.94	114 mg/dl	0.66	0.98
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	824	133.88	3.20	4.28	140 mmol/L	1.43	0.30
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	828	4.71	5.58	0.26	5.1 mmol/L	1.48	0.02
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	534	133.26	11.26	15.00	130 U/L	-0.22	1.30
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	525	79.11	15.06	11.91	68 U/L	-0.93	1.04
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	220	100.72	23.37	23.54	170 U/L	2.94	3.17

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 :

NIRNAYA CLINICAL LABORATORY

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External Quality Assurance Scheme - Print Monthly Summary

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Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
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***** End of Report *****