



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2022



PC-1024

Lab Name **NIRNAYA CLINICAL LABORATORY** Lab No **15228**
 Constituent Group **Chemistry I** Date of Result Entered : **18/04/2022**
 PT item **Lyophilized Serum** Date of Report Published : **05/05/2022**

Sl. No	Test Name	Method	Instrument	CV	CV	SD	Your Value	SDI	U	
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	734	221.19	7.44	16.45	227 mg/dL	0.35	1.21
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	616	37.69	10.60	4.00	41 mg/dL	0.83	0.32
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	512	4.98	11.36	0.57	5.3 mg/dL	0.57	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	599	2.95	13.65	0.40	3.2 mg/dL	0.62	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	703	5.52	8.67	0.48	5.2 g/dL	-0.67	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	704	3.37	8.33	0.28	3.5 g/dL	0.46	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	549	10.54	7.61	0.80	11.1 mg/dL	0.70	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	760	6.92	12.75	0.88	8 mg/dL	1.22	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	731	111.91	8.33	9.32	105 mg/dL	-0.74	0.69
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	697	130.06	10.64	13.84	133 mg/dL	0.21	1.05
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	986	135.62	2.99	4.05	139 mmol/L	0.83	0.26
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	958	3.94	5.03	0.20	4.2 mmol/L	1.31	0.01
13	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	605	112.52	12.06	13.56	104 U/L	-0.63	1.10
14	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	599	55.40	18.96	10.50	49 U/L	-0.61	0.86
15	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	316	154.67	21.54	33.31	226 U/L	2.14	3.75

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
 MAIN ROAD, KUNNATHUKAL, KARAKONAM**