



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2022



PC-1024

Lab Name **PRAKASH DIAGNOSTIC LABORATORY**

Lab No **16134**

Constituent Group **Chemistry I**

Date of Result Entered : **20/12/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/01/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	207	179.84	5.87	10.56	186.1 mg/dL	0.59	1.47
2	UREA	Urease UV / GLDH	Mindray	231	99.34	6.58	6.54	105.6 mg/dL	0.96	0.86
3	CREATININE	Enzymatic Colorimetric	Mindray	76	3.24	5.59	0.18	3.4 mg/dL	0.88	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	200	3.00	9.85	0.30	3 mg/dL	0.00	0.04
5	T-PROTEIN	Biuret - Colorimetric	Mindray	234	4.99	6.25	0.31	5.1 g/dL	0.35	0.04
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	959	3.09	5.82	0.18	3.2 g/dL	0.61	0.01
7	CALCIUM	Arsenazo III	Mindray	192	9.66	8.81	0.85	9.7 mg/dL	0.05	0.12
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	230	6.63	6.71	0.44	7.1 mg/dL	1.06	0.06
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	939	99.02	8.61	8.53	100.1 mg/dL	0.13	0.56
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	881	157.78	7.36	11.61	151.8 mg/dL	-0.52	0.78
11	HDL	Direct method / Enzymatic colorimetric	Mindray	185	24.05	8.36	2.01	22.3 mg/dL	-0.87	0.30
12	SODIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	218	137.11	3.32	4.55	134 mmol/L	-0.68	0.62
13	POTASSIUM	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	225	3.19	5.20	0.17	2.5 mmol/L	-4.06	0.02
14	CHLORIDE	ISE - Indirect	Roche C111, C311, Integra 400 plus, C501, C502, C702	183	94.82	4.24	4.02	94 mmol/L	-0.20	0.59
15	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	226	63.44	8.87	5.63	68.1 U/L	0.83	0.75
16	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	204	95.34	10.43	9.94	108.1 U/L	1.28	1.39
17	ALP	PNP AMP kinetic	Mindray	160	73.55	16.24	11.94	96.3 U/L	1.90	1.89

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 :

PRAKASH DIAGNOSTIC LABORATORY

#1,1-A(76), OPP SHELL PETROL BUNK, NEAR ROYAL MART, BYADARANALLI, MAGADI MAIN ROAD

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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 *******