



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - DECEMBER 2022



PC-1024

Lab Name **A R HOSPITAL P LTD** Lab No **10321**
 Constituent Group **Chemistry I** Date of Result Entered : **19/12/2022**
 PT Item **Lyophilized human serum based** Date of Report Published : **05/01/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	778	177.34	6.73	11.94	178.2 mg/dL	0.07	0.86
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	669	97.61	9.28	9.06	113 mg/dL	1.70	0.70
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	553	3.12	9.95	0.31	3.6 mg/dL	1.55	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	660	3.08	13.61	0.42	3.1 mg/dL	0.05	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	768	5.14	9.06	0.47	5.2 g/dL	0.13	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	728	3.14	7.62	0.24	3.1 g/dL	-0.17	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	605	9.98	7.94	0.75	10.9 mg/dL	1.22	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	760	6.82	11.41	0.78	8.1 mg/dL	1.65	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	766	104.48	8.92	8.90	103 mg/dL	-0.17	0.64
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	747	175.51	9.45	16.59	132 mg/dL	-2.62	1.21
11	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	670	83.44	11.44	7.26	53.5 U/L	-1.37	0.56
12	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	668	87.37	15.13	13.22	63.5 U/L	-1.81	1.02
13	ALP	PMP AMP kinetic	Any Analyser (Automation / Semi Automation)	556	71.44	19.60	14.00	70.2 U/L	-0.09	1.19
14	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	466	43.74	18.22	7.97	44.5 U/L	0.10	0.74

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.

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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 *****