



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2023



PC-1024

Lab Name **TAPADIA DIAGNOSTIC CENTRE** Lab No **18182**
 Constituent Group **Chemistry I** Date of Result Entered : **20/12/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **02/01/2024**

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)	1156	199.01	7.22	14.36	205 mg/dL	0.42	0.84
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	715	109.92	8.49	9.33	98 mg/dL	-1.28	0.70
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	926	7.05	9.04	0.64	5.6 mg/dL	-2.27	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	824	1.81	22.30	0.40	3.1 mg/dL	3.22	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1139	5.60	7.27	0.41	5.5 g/dL	-0.25	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	826	3.40	8.14	0.28	3.3 g/dL	-0.36	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	954	10.65	5.18	0.55	10.3 mg/dL	-0.63	0.04
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1068	6.99	7.27	0.51	6 mg/dL	-1.95	0.03
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1213	121.47	5.58	6.78	132 mg/dL	1.55	0.39
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1098	117.61	8.90	10.47	115 mg/dL	-0.25	0.63
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	923	27.82	10.56	2.94	37 mg/dL	3.12	0.19
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1288	133.11	3.15	4.19	136 mmol/L	0.69	0.23
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1296	4.67	5.39	0.25	4.6 mmol/L	-0.28	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1055	101.34	3.81	3.86	102 mmol/L	0.17	0.24
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1154	92.19	10.04	9.26	102 U/L	1.06	0.54
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1154	56.13	10.73	6.02	58 U/L	0.31	0.35
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	952	150.55	9.71	14.62	250 U/L	6.80	0.95
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	227	111.99	18.83	21.09	82 U/L	-1.42	2.80

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 *****