



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2024



PC-1024

Lab Name **TAPADIA DIAGNOSTIC CENTRE**

Lab No **18182**

Constituent Group **Chemistry I**

Date of Result Entered : **19/04/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **08/05/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	1213	123.57	5.75	7.10	121 mg/dL	-0.36	0.41
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1074	36.70	9.93	3.64	42 mg/dL	1.45	0.22
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	891	1.62	12.07	0.20	1.7 mg/dL	0.41	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	923	2.03	14.75	0.30	1.9 mg/dL	-0.43	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1193	5.29	7.82	0.41	5 g/dL	-0.70	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1180	3.14	9.94	0.31	3.1 g/dL	-0.13	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	995	9.04	5.70	0.52	9.3 mg/dL	0.50	0.03
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	420	5.91	9.94	0.59	6.1 mg/dL	0.32	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	905	4.93	11.04	0.54	4.6 mg/dL	-0.61	0.04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1185	111.11	7.21	8.01	112 mg/dL	0.11	0.47
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1164	143.21	8.56	12.26	154 mg/dL	0.88	0.72
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	916	27.08	10.43	2.82	23 mg/dL	-1.44	0.19
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1399	130.90	3.46	4.53	133 mmol/L	0.46	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1411	3.21	6.33	0.20	3.3 mmol/L	0.44	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1146	95.31	4.89	4.66	92 mmol/L	-0.71	0.28

16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	1108	100.67	8.30	8.36	106 U/L	0.64	0.50
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	960	38.99	12.15	4.74	36 U/L	-0.63	0.31
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation )	956	180.71	11.32	20.46	203 U/L	1.09	1.32
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation )	152	59.99	10.47	6.28	51 U/L	-1.43	1.02

u\* - Method of Uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (action Signal)

**LAB ADDRESS :**

**TAPADIA DIAGNOSTIC CENTRE  
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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 \*\*\*\*\***