



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2024



PC-1024

Lab Name **TAPADIA DIAGNOSTIC CENTRE**

Lab No **18182**

Constituent Group **Chemistry I**

Date of Result Entered : **20/05/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **30/05/2024**

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)	1236	172.76	5.94	10.27	164 mg/dL	-0.85	0.58
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1115	92.31	7.71	7.12	72 mg/dL	-2.85	0.43
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	852	3.74	9.87	0.37	4 mg/dL	0.70	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	774	3.87	11.24	0.44	3.83 mg/dL	-0.09	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1155	5.23	6.56	0.34	5.6 g/dL	1.08	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1174	3.11	9.07	0.28	3.2 g/dL	0.32	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	994	9.45	5.60	0.53	9.6 mg/dL	0.28	0.03
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	365	4.62	10.02	0.46	5.5 mg/dL	1.91	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	975	5.91	9.90	0.58	5.7 mg/dL	-0.36	0.04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1229	102.69	7.38	7.58	116 mg/dL	1.76	0.43
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1164	168.51	6.16	10.37	203 mg/dL	3.32	0.61
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	887	23.44	10.01	2.35	25 mg/dL	0.66	0.16
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1410	134.02	3.08	4.13	133 mmol/L	-0.25	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1427	4.73	5.73	0.27	4.75 mmol/L	0.07	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1167	99.99	4.28	4.28	97 mmol/L	-0.70	0.25

16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1115	55.28	9.90	5.47	60 U/L	0.86	0.33
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1010	103.70	11.18	11.60	105 U/L	0.11	0.73
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	925	100.48	9.83	9.88	167 U/L	6.73	0.65
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	172	82.88	10.55	8.74	66 U/L	-1.93	1.33

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 :

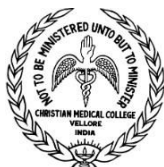
**TAPADIA DIAGNOSTIC CENTRE
BANSILAL NAGAR, STATION ROAD, OPP HOTEL VITS
AURANGABAD
MAHARASHTRA431005**

Pamela Christudoss

**Coordinator Contact Details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102**

**Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore**

**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 *******



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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Contact Number: 0416-2283102**

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**Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore**

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***** End of Report *******



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2024



PC-1024

Lab Name **TAPADIA DIAGNOSTIC CENTRE**

Lab No **18182**

Constituent Group **Chemistry I**

Date of Result Entered : **19/03/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **06/04/2024**

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)	1212	168.46	5.37	9.05	170 mg/dL	0.17	0.52
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1028	26.16	11.14	2.91	27 mg/dL	0.29	0.18
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	892	0.99	12.31	0.12	1.1 mg/dL	0.90	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	910	0.83	19.57	0.16	0.7 mg/dL	-0.80	0.01
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1188	5.74	6.49	0.37	6.2 g/dL	1.23	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1165	3.51	7.61	0.27	3.5 g/dL	-0.04	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	993	9.74	5.72	0.56	10.7 mg/dL	1.72	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	414	6.48	11.26	0.73	6.5 mg/dL	0.03	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1079	3.54	16.34	0.58	3 mg/dL	-0.93	0.04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1195	115.97	5.49	6.36	130 mg/dL	2.20	0.37
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1151	95.64	7.93	7.59	101 mg/dL	0.71	0.45
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	944	28.07	10.95	3.07	30 mg/dL	0.63	0.20
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1339	137.32	2.73	3.75	143 mmol/L	1.52	0.20
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1366	3.58	4.83	0.17	3.7 mmol/L	0.69	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1112	103.75	3.60	3.74	103 mmol/L	-0.20	0.22

16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1130	58.20	9.44	5.50	65 U/L	1.24	0.33
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1121	86.34	12.41	10.71	80 U/L	-0.59	0.64
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	880	127.56	14.89	18.99	115 U/L	-0.66	1.28
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	240	71.38	16.88	12.05	63 U/L	-0.70	1.56

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 :

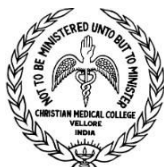
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**Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore**

Homogeneity and Stability of the sample is passed.
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***** End of Report *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

Lab Name **TAPADIA DIAGNOSTIC CENTRE**

Lab No **18182**

Constituent Group **Chemistry I**

Date of Result Entered : **18/02/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **05/03/2024**

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)	1176	251.29	4.97	12.48	269 mg/dL	1.42	0.73
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	1061	61.45	11.98	7.36	66 mg/dL	0.62	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	882	5.26	7.26	0.38	5.4 mg/dL	0.37	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	1022	2.84	16.53	0.47	3.2 mg/dL	0.77	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1176	5.38	6.46	0.35	5.6 g/dL	0.63	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1142	3.21	9.82	0.32	3.9 g/dL	2.19	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	990	10.20	6.91	0.70	11.4 mg/dL	1.70	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	400	3.80	12.99	0.49	3.4 mg/dL	-0.81	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1129	7.69	8.54	0.66	6 mg/dL	-2.57	0.04
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1179	114.96	5.67	6.52	130 mg/dL	2.31	0.38
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1106	191.25	6.15	11.77	208 mg/dL	1.42	0.71
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	883	27.58	10.09	2.78	28 mg/dL	0.15	0.19
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1320	127.25	3.44	4.38	129 mmol/L	0.40	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1314	4.73	5.28	0.25	4.8 mmol/L	0.28	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1025	97.11	3.90	3.79	96 mmol/L	-0.29	0.24

16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1125	73.02	10.41	7.60	79 U/L	0.79	0.45
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1108	94.73	14.64	13.87	107 U/L	0.88	0.83
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	942	91.60	11.35	10.40	135 U/L	4.17	0.68
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	228	65.41	18.51	12.11	60 U/L	-0.45	1.60

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 :

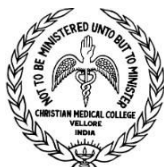
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Pamela Christudoss

**Dr. Pamela Christudoss
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**Homogeneity and Stability of the sample is passed.
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CMC EQAS does not sub contract any components
***** End of Report *******



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name **TAPADIA DIAGNOSTIC CENTRE**

Lab No **18182**

Constituent Group **Chemistry I**

Date of Result Entered : **22/01/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **06/02/2024**

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)	1085	124.31	6.16	7.66	122 mg/dL	-0.30	0.47
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	937	36.03	11.25	4.05	36 mg/dL	-0.01	0.26
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	811	1.75	10.50	0.18	1.5 mg/dL	-1.36	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	931	2.04	15.85	0.32	2.7 mg/dL	2.04	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	1115	5.24	6.24	0.33	5.3 g/dL	0.18	0.02
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	1035	3.14	9.56	0.30	3.3 g/dL	0.53	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	917	8.87	6.62	0.59	10 mg/dL	1.92	0.04
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	1037	5.16	11.96	0.62	6.2 mg/dL	1.69	0.04
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	1074	111.60	6.78	7.56	115 mg/dL	0.45	0.46
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	1092	148.75	6.31	9.38	149 mg/dL	0.03	0.57
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	868	27.20	9.93	2.70	31 mg/dL	1.41	0.18
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1155	130.94	3.25	4.26	131 mmol/L	0.01	0.25
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1188	3.20	5.97	0.19	3.1 mmol/L	-0.52	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	95.29	4.58	4.37	93 mmol/L	-0.52	0.28
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1048	105.39	7.40	7.80	114 U/L	1.10	0.48

16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1048	44.50	13.19	5.87	47 U/L	0.43	0.36
17	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	883	182.76	9.88	18.06	180 U/L	-0.15	1.22
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	224	58.35	19.92	11.62	52 U/L	-0.55	1.55

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
BANSILAL NAGAR, STATION ROAD, OPP HOTEL VITS
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Pamela Christudoss

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CMC EQAS Coordinator
Christian Medical College, Vellore**

Homogeneity and Stability of the sample is passed.

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CMC EQAS does not sub contract any components**

******* End of Report *******