



Department of Clinical Biochemistry
Christian Medical College, Vellore - 632004



Certificate No. PC-1024
NABL PT Accredited Laboratory

CMC EXTERNAL QUALITY ASSURANCE SCHEME

(Under the aegis of ACBI)

Certificate of Participation

This is to certify that
U-LAB AT MEDICARE CENTRE

INDORE, MADYA PRADESH.

Lab No. 0699 has participated
in the Chemistry I Program of the External Quality Assurance Scheme
during the year 2021.

Pamela Christudoss

Dr. Pamela Christudoss, M.Sc., Ph.D.,

EQAS Coordinator

Professor of Clinical Biochemistry



CHRISTIAN MEDICAL COLLEGE

CMC EXTERNAL QUALITY ASSURANCE SCHEME

2021 EQAS YEARLY SUMMARY



Group I : Laboratories who reported 10 to 12 months during 2021

Group II : Laboratories who reported 6 to 9 months during 2021

Group III : Laboratories who reported less than 6 months during 2021

Constituent Group Chemistry I

Sl.No	Parameter	Rank Group	No of Labs	OMSDI	Grade
1	GLUCOSE	Group I	2977	0.56	A
2	UREA	Group I	2930	0.34	A
3	CREATININE	Group I	2896	0.61	A
4	T.BILIRUBIN	Group I	2833	0.90	A
5	T-PROTEIN	Group I	2871	0.62	A
6	ALBUMIN	Group I	2824	0.48	A
7	CALCIUM	Group I	2291	0.67	A
8	PHOSPHORUS	Group I	1611	0.96	A
9	URIC ACID	Group I	2780	0.44	A
10	CHOLESTEROL	Group I	2880	0.74	A
11	TRIGLYCERIDE	Group I	2759	0.67	A
12	HDL CHO	Group I	2333	0.97	A
13	SODIUM	Group I	2168	0.61	A
14	POTASSIUM	Group I	2176	0.87	A
15	AST	Group I	2794	0.43	A
16	ALT	Group I	2807	0.88	A
17	ALP	Group I	2704	1.10	B

Only first 2 Groups are Graded

OMSDI Range	Grade	Remarks
0.00 - 1.00	A	Excellent
1.01 - 2.00	B	Good
2.01 - 2.99	C	Satisfactory
Beyond ± 3.00	D	Unacceptable

DR. PRADEEP APTE ,

U LAB AT MEDICARE CENTRE ,
MEDICARE HOSPITAL &
RESEARCH CENTRE, 4/5, OLD
PALASIA, RAVINDRA NAGAR ,
INDORE ,

MADHYA PRADESH ,452018 .

Pamela Christudoss

Dr. Pamela Christudoss

CMC EQAS Co-Ordinator

Christian Medical College, Vellore



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2022



PC-1024

Lab Name U LAB AT MEDICARE CENTRE Lab No 0699
 Constituent Group Chemistry I Date of Result Entered : 05/05/2022
 PT item Lyophilized Serum Date of Report Published : 08/06/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	975	194.78	6.81	13.27	194 mg/dL	-0.06	0.85
2	UREA	Urease UV / GLDH	Transasia / Erba	880	62.48	8.12	5.08	69 mg/dL	1.28	0.34
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	444	2.56	6.49	0.17	2.4 mg/dL	-0.96	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	946	3.54	11.83	0.42	4.1 mg/dL	1.34	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	885	6.36	6.83	0.43	6.2 g/dL	-0.37	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	942	3.49	5.64	0.20	3.4 g/dL	-0.46	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	650	11.45	9.40	1.08	11 mg/dL	-0.42	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	453	5.42	11.49	0.62	5.5 mg/dL	0.13	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	851	5.29	8.68	0.46	4.8 mg/dL	-1.07	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	915	114.05	8.08	9.22	138 mg/dL	2.60	0.61
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	866	82.91	13.38	11.09	78 mg/dL	-0.44	0.75
12	HDL CHO	Direct method / Enzymatic colorimetric	Transasia / Erba	655	27.84	10.34	2.88	26 mg/dL	-0.64	0.23
13	SODIUM	ISE - Direct	Transasia / Erba	208	139.74	3.23	4.51	141 mmol/L	0.28	0.63
14	POTASSIUM	ISE - Direct	Transasia / Erba	205	4.59	4.27	0.20	4.6 mmol/L	0.05	0.03
15	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	801	64.58	11.79	7.62	61 U/L	-0.47	0.54
16	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	776	47.67	17.27	8.23	48 U/L	0.04	0.59
17	ALP	PNP AMP kinetic	Transasia / Erba	827	99.86	15.84	15.82	88 U/L	-0.75	1.10
18	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Any Analyser (Automation / Semi Automation)	222	45.51	17.70	8.06	33 U/L	-1.55	1.08

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 :
 U LAB AT MEDICARE CENTRE
 MEDICARE HOSPITAL & RESEARCH CENTRE, 4/5, OLD PALASIA, RAVINDRA NAGAR
 INDORE
 MADHYA PRADESH 452018

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

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