



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
EQAS YEARLY SUMMARY - 2021



PC-1024

Lab Name **EL-EVEN LABORATORIES** Lab No **14249**
Constituent Group **Chemistry I**
PT item **Lyophilized Serum** Date of Report Published **10-01-2022**

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

Sl.No	Parameter	Rank Group	No of Labs	OMSDI	Grade
1	GLUCOSE	Group I	2977	0.34	A
2	UREA	Group I	2930	0.45	A
3	CREATININE	Group I	2896	0.47	A
4	T.BILIRUBIN	Group I	2833	0.78	A
5	T-PROTEIN	Group I	2871	0.17	A
6	ALBUMIN	Group I	2824	0.51	A
7	CALCIUM	Group I	2291	0.36	A
8	URIC ACID	Group I	2780	0.57	A
9	CHOLESTEROL	Group I	2880	0.44	A
10	TRIGLYCERIDE	Group I	2759	0.33	A
11	HDL CHO	Group I	2333	0.35	A
12	SODIUM	Group I	2168	0.62	A
13	POTASSIUM	Group I	2176	0.41	A
14	CHLORIDE	Group I	1702	0.85	A
15	AST	Group I	2794	1.12	B
16	ALT	Group I	2807	1.03	B
17	ALP	Group I	2704	0.61	A
18	AMYLASE	Group I	1563	0.79	A

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

LAB ADDRESS**EL-EVEN LABORATORIES****37/B2, KIZHAKKEKKARA LANE, CHANGAMPUZHA NAGAR, SOUTH KALAMASSERY****COCHIN****KERALA682033****Coordinator Contact Details:****Email: clinqc@cmcvellore.ac.in****Contact number:0416-2283102***Pamela Christudoss***Dr. Pamela Christudoss****CMC EQAS Coordinator****Christian Medical College, Vellore**

**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 - MARCH 2022



PC-1024

Lab Name **EL-EVEN LABORATORIES** Lab No **14249**
 Constituent Group **Chemistry I** Date of Result Entered : **18/03/2022**
 PT item **Lyophilized Serum** Date of Report Published : **06/04/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	869	113.50	6.71	7.61	108 mg/dL	-0.72	0.52
2	UREA	Urease UV / GLDH	Transasia / Erba	841	84.12	7.12	5.99	76.5 mg/dL	-1.27	0.41
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	409	4.28	6.03	0.26	4.25 mg/dL	-0.12	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	845	1.44	15.11	0.22	1.47 mg/dL	0.14	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	896	5.30	7.47	0.40	5 g/dL	-0.76	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	887	3.07	6.28	0.19	2.9 g/dL	-0.88	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	592	8.97	8.58	0.77	9.4 mg/dL	0.56	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	409	4.00	10.99	0.44	3.8 mg/dL	-0.45	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	820	8.55	7.65	0.65	7.7 mg/dL	-1.30	0.05
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	910	100.78	9.11	9.18	100 mg/dL	-0.08	0.61
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	833	187.85	7.94	14.92	171.4 mg/dL	-1.10	1.03
12	HDL CHO	Direct method / Enzymatic colorimetric	Transasia / Erba	653	25.76	9.49	2.44	24.8 mg/dL	-0.39	0.19
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	920	124.76	4.58	5.71	125.6 mmol/L	0.15	0.38
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	882	2.97	6.60	0.20	3.02 mmol/L	0.26	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	702	91.37	5.08	4.64	95.8 mmol/L	0.95	0.35
16	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	745	229.37	10.37	23.79	228.9 U/L	-0.02	1.74
17	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	716	147.91	13.68	20.23	152.3 U/L	0.22	1.51
18	ALP	PNP AMP kinetic	Transasia / Erba	749	202.54	15.42	31.23	241 U/L	1.23	2.28
19	AMYLASE	CNPG3	Transasia / Erba	427	55.78	18.96	10.58	68 U/L	1.16	1.02

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 :

EL-EVEN LABORATORIES

37/B2, KIZHAKKEKKARA LANE, CHANGAMPUZHA NAGAR, SOUTH KALAMASSERY

COCHIN

KERALA682033

Pamela Christudoss

Coordinator Contact Details:
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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 *******