



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - AUGUST 2022



PC-1024

Lab Name	CENTRAL AYURVEDA RESEARCH INSTITUTE	Lab No	16411
Constituent Group	Chemistry I	Date of Result Entered :	08/08/2022
PT item	Lyophilized Serum	Date of Report Published :	05/09/2022

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	949	193.37	6.69	12.93	204.9 mg/dL	0.89	0.84
2	UREA	Urease UV / GLDH	Transasia / Erba	888	62.12	7.66	4.76	62.8 mg/dL	0.14	0.32
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	459	2.52	9.25	0.23	2.59 mg/dL	0.30	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	942	3.62	10.23	0.37	3.86 mg/dL	0.65	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	961	6.28	7.74	0.49	6.46 g/dL	0.37	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	967	3.50	5.54	0.19	3.42 g/dL	-0.41	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	666	11.46	9.46	1.08	12.7 mg/dL	1.14	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	438	5.49	8.84	0.48	5.83 mg/dL	0.70	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	923	5.29	9.19	0.49	5.6 mg/dL	0.64	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	929	114.16	8.16	9.32	109 mg/dL	-0.55	0.61
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	886	82.80	13.18	10.92	74.2 mg/dL	-0.79	0.73
12	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	713	28.02	10.91	3.06	29.4 mg/dL	0.45	0.23
13	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	843	64.99	11.93	7.75	61.9 U/L	-0.40	0.53
14	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	817	47.89	15.74	7.54	49 U/L	0.15	0.53
15	ALP	PNP AMP kinetic	Transasia / Erba	861	100.55	15.05	15.13	100 U/L	-0.04	1.03

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 :
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CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential

Result Reprint

Report Type :Patients

02-Aug-2022

Sr #	Sample ID	Test	Result	Unit	Flag	Curve #	Result Date
1	EQAS CMC VELLOR	GPTHL	49.0	U/L	H	11844	02-Aug-2022 12:00:41
2	EQAS CMC VELLOR	GOTHL	61.9	U/L	H	11845	02-Aug-2022 12:00:59
3	EQAS CMC VELLOR	ALPU	100	U/L		11846	02-Aug-2022 12:01:17
4	EQAS CMC VELLOR	PHOS	5.83	mg/dl	H	11847	02-Aug-2022 12:01:35
5	EQAS CMC VELLOR	BIDD	0.36	mg/dl		11848	02-Aug-2022 12:01:53
6	EQAS CMC VELLOR	BIT	3.86	mg/dl	H	11849	02-Aug-2022 12:02:11
7	EQAS CMC VELLOR	UREA	62.8	mg/dl	H	11850	02-Aug-2022 12:02:29
8	EQAS CMC VELLOR	CRE	2.59	mg/dl	H	11851	02-Aug-2022 12:02:47
9	EQAS CMC VELLOR	GLU	204.9	mg/dl	H	11852	02-Aug-2022 12:03:05
10	EQAS CMC VELLOR	TRIG	74.2	mg/dl		11853	02-Aug-2022 12:03:23
11	EQAS CMC VELLOR	CHOL	109	mg/dl		11854	02-Aug-2022 12:03:41
12	EQAS CMC VELLOR	HDLC	29.4	mg/dl	L	11855	02-Aug-2022 12:03:59
13	EQAS CMC VELLOR	LDL	68.3	mg/dl		11856	02-Aug-2022 12:04:18
14	EQAS CMC VELLOR	CA	12.7	mg/dl	H	11857	02-Aug-2022 12:04:36
15	EQAS CMC VELLOR	ALBD	3.42	g/dl	L	11858	02-Aug-2022 12:04:54
16	EQAS CMC VELLOR	PRO	6.46	g/dl		11859	02-Aug-2022 12:05:12