



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2022



PC-1024

Lab Name **MALAR DIAGNOSTICS - KELAMBAKKAM**

Lab No **4024**

Constituent Group **Chemistry I**

Date of Result Entered : **18/09/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/10/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation )	803	177.30	7.21	12.78	153.48 mg/dL	-1.86	0.90
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation )	661	98.36	8.92	8.77	103.22 mg/dL	0.55	0.68
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation )	361	3.09	10.04	0.31	2.65 mg/dL	-1.42	0.03
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation )	646	3.10	13.04	0.40	3.23 mg/dL	0.32	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation )	805	5.20	9.33	0.48	5.73 g/dL	1.09	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation )	782	3.16	7.60	0.24	3 g/dL	-0.67	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation )	629	9.97	8.62	0.86	9.91 mg/dL	-0.07	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation )	739	6.76	11.49	0.78	7.9 mg/dL	1.47	0.06
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation )	762	104.59	9.22	9.64	109.06 mg/dL	0.46	0.70
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation )	735	177.25	9.98	17.68	150.88 mg/dL	-1.49	1.30
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation )	520	26.66	17.09	4.56	15.3 mg/dL	-2.49	0.40
12	SODIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	229	133.87	2.40	3.21	127 mmol/L	-2.14	0.42
13	POTASSIUM	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	232	3.21	2.83	0.09	3 mmol/L	-2.31	0.01
14	CHLORIDE	Dry Chemistry	Ortho Clinical Diagnostics Dry Chemistry Series	189	93.48	2.71	2.54	94 mmol/L	0.21	0.37
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	705	63.66	10.94	6.97	66.72 U/L	0.44	0.52
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation )	672	87.96	15.64	13.76	61.73 U/L	-1.91	1.06
17	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation )	232	99.89	17.96	17.94	135.55 U/L	1.99	2.36

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

## LAB ADDRESS :

MALAR DIAGNOSTICS - KELAMBAKKAM

3/129-A, PILLAYAR KOVIL STREET, K.R.R.COMPLEX

KELAMBAKKAM

TAMILNADU603103

## Coordinator Contact Details:

Email:clinqc@cmcvellore.ac.in

Contact Number: 0416-2283102

*Pamela Christudoss*

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 \*\*\*\*\*