



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2022



PC-1024

Lab Name **MEDLINE DIAGNOSTICS PRIVATE LIMITED**

Lab No **16018**

Constituent Group **Chemistry I**

Date of Result Entered : **20/07/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/08/2022**

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)	761	304.55	7.92	24.11	238 mg/dL	-2.76	1.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	660	127.13	10.44	13.28	122 mg/dL	-0.39	1.03
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	536	4.30	10.61	0.46	3.7 mg/dL	-1.32	0.04
4	T.BILIRUBIN	Dry Chemistry	Fuji Dry Chemistry series	52	1.01	10.43	0.10	1 mg/dL	-0.10	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	768	5.80	9.22	0.54	5.6 g/dL	-0.37	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	744	3.50	8.24	0.29	4.3 g/dL	2.78	0.02
7	CALCIUM	Dry Chemistry	Fuji Dry Chemistry series	71	8.74	7.51	0.66	8.5 mg/dL	-0.37	0.16
8	URIC ACID	Dry Chemistry	Fuji Dry Chemistry series	62	3.31	5.16	0.17	3.2 mg/dL	-0.64	0.04
9	CHOLESTEROL	Dry Chemistry	Fuji Dry Chemistry series	53	113.83	5.64	6.42	114 mg/dL	0.03	1.76
10	TRIGLYCERIDE	Dry Chemistry	Fuji Dry Chemistry series	50	303.18	6.22	18.86	328 mg/dL	1.32	5.33
11	HDL	Dry Chemistry	Fuji Dry Chemistry series	50	22.13	7.08	1.57	23 mg/dL	0.56	0.44
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1047	139.31	3.44	4.80	145 mmol/L	1.19	0.30
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1099	5.06	6.41	0.32	5.11 mmol/L	0.15	0.02
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	878	100.12	4.63	4.64	105.5 mmol/L	1.16	0.31
15	BICARBONATE	Dry Chemistry	Fuji Dry Chemistry series	29	24.93	9.18	2.29	26.5 mmol/L	0.69	0.85
16	AST	Dry Chemistry	Fuji Dry Chemistry series	59	132.30	9.17	12.13	155 U/L	1.87	3.16
17	ALT	Dry Chemistry	Fuji Dry Chemistry series	52	61.37	10.74	6.59	52 U/L	-1.42	1.83
18	ALP	Dry Chemistry	Fuji Dry Chemistry series	58	256.61	11.95	30.67	996 U/L	24.11	8.06
19	AMYLASE	Dry Chemistry	Fuji Dry Chemistry series	46	480.81	6.71	32.26	517 U/L	1.12	9.51
20	IRON	Ferrene ( No Protein Removal )	Any Analyser (Automation / Semi Automation)	110	119.94	11.24	13.48	135 ug/dL	1.12	2.57
21	MAGNESIUM	Dry Chemistry	Fuji Dry Chemistry series	39	1.48	8.31	0.12	1.4 mg/dL	-0.65	0.04

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 :**

**MEDLINE DIAGNOSTICS PRIVATE LIMITED  
NO.23-A, THENNUR HIGH ROAD, SRINIVASAPURAM, TENNUR  
TRICHIRAPPALLI  
TAMILNADU620017**

**Coordinator Contact Details:  
Email:clinq@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 \*\*\*\*\***