

## LAB MONTHLY SUMMARY



Lab Name **THE BIO CLINICAL LABORATORY** Lab No **13688**  
 Month **January** Year **2021**  
 Constituent Group **Chemistry I**



Date of Result Entered : 18/01/2021

Date of Report Published : 05/02/2021

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)	620	124.40	8.91	11.08	133.1 mg/dl	0.79	0.89
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	486	31.73	12.97	4.12	31.82 mg/dl	0.02	0.37
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	398	1.55	13.38	0.21	1.73 mg/dl	0.87	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	516	2.26	18.19	0.41	2.57 mg/dl	0.75	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	546	5.11	9.23	0.47	5.04 g/dl	-0.15	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	554	3.16	9.09	0.29	3.06 g/dl	-0.35	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	437	8.60	10.22	0.88	8.5 mg/dl	-0.11	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	302	4.23	14.23	0.60	3.9 mg/dl	-0.55	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	538	5.10	17.21	0.88	4.67 mg/dl	-0.49	0.08
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	573	106.05	10.21	10.83	106.61 mg/dl	0.05	0.90
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	548	132.00	12.46	16.44	149.77 mg/dl	1.08	1.40
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	377	26.45	20.78	5.50	24.81 mg/dl	-0.30	0.57
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	394	139.59	3.46	4.83	137 mmol/L	-0.54	0.49
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	395	2.98	5.77	0.17	3 mmol/L	0.12	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	300	103.58	3.96	4.10	105 mmol/L	0.35	0.47
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	144	21.43	14.02	3.00	24 mmol/L	0.86	0.50
17	AST	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	371	57.25	13.57	7.77	66.74 U/L	1.22	0.81
18	ALT	UV kinetic without PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	366	58.78	19.41	11.41	63.33 U/L	0.40	1.19
19	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	356	84.96	16.59	14.09	69.22 U/L	-1.12	1.49
20	AMYLASE	CNPG3	Any Analyser	450	40.65	19.40	7.89	31 U/L	-1.22	0.74

			(Automation / Semi Automation)							
21	IRON	Ferrene ( No Protein Removal )	Any Analyser (Automation / Semi Automation)	53	128.03	10.84	13.88	61.9 ug/dl	-4.76	3.81
22	MAGNESIUM	Others ( Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	92	1.97	10.72	0.21	1.84 mg/dl	-0.62	0.04

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between $\pm 1.0$ to $\pm 2.0$	Good.
Between $\pm 2.0$ to $\pm 3.0$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:

Email: [clinqc@cmcvellore.ac.in](mailto:clinqc@cmcvellore.ac.in)

Contact Number: 0416-2283102

*Pamela Christudoss*

Dr. Pamela Christudoss  
CMC EQAS Co-Ordinator  
Christian Medical College,  
Vellore

\*\*\*\*\* End of Report \*\*\*\*\*