

## LAB MONTHLY SUMMARY



Lab Name RELIABLE DIAGNOSTIC CENTER Lab No 6128  
 Month January Year 2021  
 Constituent Group Chemistry I



Date of Result Entered : 17/01/2021

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	Transasia / Erba	770	127.97	7.21	9.23	129.9 mg/dl	0.21	0.66
2	UREA ✓	Urease UV / GLDH	Transasia / Erba	698	31.37	8.90	2.79	32.6 mg/dl	0.44	0.21
3	CREATININE ✓	Enzymatic Colorimetric	Transasia / Erba	290	1.49	8.41	0.12	1.6 mg/dl	0.88	0.01
4	T.BILIRUBIN ✓	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	705	2.03	14.44	0.29	1.71 mg/dl	-1.09	0.02
5	T-PROTEIN ✓	Biuret - Colorimetric	Transasia / Erba	727	5.29	7.45	0.39	4.83 g/dl	-1.17	0.03
6	ALBUMIN ✓	BCG - colorimetric	Transasia / Erba	733	3.12	5.33	0.17	3.05 g/dl	-0.42	0.01
7	CALCIUM ✓	Arsenazo III	Transasia / Erba	515	8.55	9.48	0.81	8.5 mg/dl	-0.06	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	697	5.05	10.39	0.52	5.4 mg/dl	0.67	0.04
9	CHOLESTEROL ✓	CHOD-PAP	Transasia / Erba	740	102.48	8.99	9.22	110.6 mg/dl	0.88	0.68
10	TRIGLYCERIDE ✓	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	722	114.45	11.91	13.64	110 mg/dl	-0.33	1.01
11	HDL CHO ✓	Direct method / Enzymatic colorimetric	Transasia / Erba	590	25.89	13.09	3.39	20.5 mg/dl	-1.59	0.28
12	SODIUM ✓	ISE - Direct	Any Analyser (Automation / Semi Automation)	394	139.59	3.46	4.83	135.9 mmol/L	-0.76	0.49
13	POTASSIUM ✓	ISE - Direct	Any Analyser (Automation / Semi Automation)	395	2.98	5.77	0.17	3.04 mmol/L	0.35	0.02
14	CHLORIDE ✓	ISE - Direct	Any Analyser (Automation / Semi Automation)	300	103.58	3.96	4.10	105.1 mmol/L	0.37	0.47
15	AST ✓	UV kinetic without PLP (P-5-P)	Transasia / Erba	561	57.13	10.52	6.01	55.9 U/L	-0.20	0.51
16	ALT ✓	UV kinetic without PLP (P-5-P)	Transasia / Erba	563	58.80	13.81	8.12	64.2 U/L	0.66	0.68
17	ALP ✓	PNP AMP kinetic	Transasia / Erba	602	81.55	12.92	10.54	78 U/L	-0.34	0.86

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	Accept with caution. Warning Signal.
Beyond ±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

Contact Number: 0416-2283102