

## LAB MONTHLY SUMMARY

Lab Name **DISTRICT HOSPITAL, JHANSI**Lab No **13540**Month **May**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **18/07/2020**Date of Report Published : **04/08/2020**

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	661	257.23	9.53	24.51	245.2 mg/dl	-0.49	1.91
2	UREA	UREASE UV / GLDH	Any Analyser	510	116.39	12.01	13.97	117.27 mg/dl	0.06	1.24
3	CREATININE	JAFFE-END POINT	Any Analyser	245	6.65	11.95	0.80	6.19 mg/dl	-0.58	0.10
4	T.BILIRUBIN	EVELYN-MALLOY	Any Analyser	88	1.92	15.97	0.31	1.62 mg/dl	-0.98	0.07
5	T-PROTEIN	BIURET - colorimetric	Any Analyser	593	5.38	10.44	0.56	5.38 g/dl	0.00	0.05
6	ALBUMIN	BCG - colorimetric	Any Analyser	569	3.25	9.10	0.30	3.47 g/dl	0.74	0.02
7	CALCIUM	ARSENAZO III	Any Analyser	458	9.38	9.12	0.86	9.56 mg/dl	0.21	0.08
8	URIC ACID	ENZYMATIC / URICASE Colorimetric	Any Analyser	546	9.04	12.64	1.14	11.16 mg/dl	1.86	0.10
9	CHOLESTEROL	CHOD-PAP	Any Analyser	575	110.75	9.50	10.52	104.3 mg/dl	-0.61	0.88
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser	560	165.05	12.42	20.51	224.8 mg/dl	2.91	1.73
11	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Any Analyser	407	27.46	17.38	4.77	16.27 mg/dl	-2.34	0.47
12	SODIUM	ISE - Indirect	Any Analyser	928	135.13	3.38	4.57	126.8 mmol/L	-1.82	0.30
13	POTASSIUM	ISE - Indirect	Any Analyser	922	3.45	6.32	0.22	3.49 mmol/L	0.18	0.01
14	AST	UV-Kinetic without PLP (P-5-P)	Any Analyser	515	57.61	16.72	9.63	43.2 U/L	-1.50	0.85
15	ALT	UV-Kinetic without PLP (P-5-P)	Any Analyser	423	86.39	19.62	16.94	76 U/L	-0.61	1.65
16	ALP	PNP - (Based on DGKC)	Any Analyser	70	46.06	22.15	10.20	103.8 U/L	5.66	2.44

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

ID: EQAS RERUN  
Name:  
Sex: Male  
Date of birth:  
Physician:  
Measured: 18-08-2020 09:09:09 AM  
Request type: STAT - Normal - UNLOADED

Test	Result	Flags	Reference range
ALP ALP	56 U/L		

D.V. 46.06

SD 10.2

$$\text{New SDI} = \frac{56 - 46.06}{10.2}$$

$$= \frac{9.94}{10.2}$$

$$= 0.97$$

After corrective action New SDI = 0.97