

## LAB MONTHLY SUMMARY



Lab Name BANSAL HOSPITAL Lab No 14345  
 Month January Year 2021  
 Constituent Group Chemistry I



Date of Result Entered : 20/01/2021

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	Hexokinase	Siemens ( Advia Series / Dimension Series )	77	124.35	4.46	5.54	128.3 mg/dl	0.71	1.26
2	UREA	Urease UV / GLDH	Siemens ( Advia Series / Dimension Series )	94	30.16	8.29	2.50	15 mg/dl	-6.06	0.52
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens ( Advia Series / Dimension Series )	87	1.58	6.76	0.11	1.56 mg/dl	-0.19	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Siemens ( Advia Series / Dimension Series )	95	2.28	6.41	0.15	2.1 mg/dl	-1.23	0.03
5	T-PROTEIN	Biuret - Colorimetric	Siemens ( Advia Series / Dimension Series )	99	4.81	4.39	0.21	5 g/dl	0.90	0.04
6	ALBUMIN	BCP - Bromocresol purple ( colorimetric )	Siemens ( Advia Series / Dimension Series )	68	2.89	6.69	0.19	2.8 g/dl	-0.47	0.05
7	CALCIUM	OCPC ( O - Cresolphthalein Compleazone )	Siemens ( Advia Series / Dimension Series )	49	7.88	6.76	0.53	8.1 mg/dl	0.41	0.15
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Siemens ( Advia Series / Dimension Series )	57	3.92	4.24	0.17	4 mg/dl	0.48	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens ( Advia Series / Dimension Series )	94	4.66	3.69	0.17	4.8 mg/dl	0.81	0.04
10	CHOLESTEROL	CHOD-PAP	Siemens ( Advia Series / Dimension Series )	98	86.25	6.83	5.90	83 mg/dl	-0.55	1.19
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens ( Advia Series / Dimension Series )	96	130.33	4.96	6.47	129 mg/dl	-0.21	1.32
12	HDL CHO	Direct method / Enzymatic colorimetric	Siemens ( Advia Series / Dimension Series )	88	24.21	6.47	1.57	25 mg/dl	0.50	0.33
13	SODIUM	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	143	141.07	3.95	5.57	144 mmol/L	0.53	0.93
14	POTASSIUM	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	142	2.99	5.35	0.16	3 mmol/L	0.06	0.03
15	CHLORIDE	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	111	103.61	3.53	3.66	104 mmol/L	0.11	0.69
16	AST	UV kinetic with PLP ( P-5-P )	Siemens ( Advia Series / Dimension Series )	91	80.33	7.65	6.15	86.6 U/L	1.02	1.29
17	ALT	UV kinetic with PLP ( P-5-P )	Siemens ( Advia Series / Dimension Series )	83	76.17	8.29	6.31	79 U/L	0.45	1.39

18	ALP	PNP AMP kinetic	Siemens ( Advia Series / Dimension Series )	90	76.75	8.25	6.33	80 U/L	0.51	1.34
19	MAGNESIUM	Others ( Any other principles / Methods ))	Any Analyser (Automation / Semi Automation)	92	1.97	10.72	0.21	2 mg/dl	0.14	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

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