

VIEW LAB MONTHLY SUMMARY

Lab Name	ST THERESAS HOSPITAL	Details About Robust Analysis
Lab No	0309	Detail About Monthly Summary
Month	February	Detail about SDI
Year	2021	
Constituent Group	Chemistry I	

Click on the analyte to view Graphical Data

All Analyser Result

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Date of Result Entered : 09/02/2021

Date of Report Published : 06/03/2021

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 )	81	258.67	4.52	11.70	257 mg/dl	-0.14	2.60
2	UREA	Urease UV / GLDH	Siemens ( Advia Series / Dimension Series )	105	45.29	7.04	3.19	48 mg/dl	0.85	0.62
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens ( Advia Series / Dimension Series )	98	1.87	6.36	0.12	1.9 mg/dl	0.25	0.02
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Siemens ( Advia Series / Dimension Series )	105	3.75	5.49	0.21	3.76 mg/dl	0.05	0.04
5	T-PROTEIN	Biuret - Colorimetric	Siemens ( Advia Series / Dimension Series )	109	5.01	3.36	0.17	4.9 g/dl	-0.65	0.03
6	ALBUMIN	BCP - Bromocresol purple ( colorimetric )	Siemens ( Advia Series / Dimension Series )	75	3.00	5.63	0.17	2.7 g/dl	-1.78	0.04
7	CALCIUM	OCPC ( O - Cresolphthalein Compleazone )	Siemens ( Advia Series / Dimension Series )	55	10.13	4.23	0.43	9.6 mg/dl	-1.24	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation )	315	5.35	13.06	0.70	5.1 mg/dl	-0.36	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens ( Advia Series / Dimension Series )	97	8.48	3.94	0.33	8.1 mg/dl	-1.14	0.07
10	CHOLESTEROL	CHOD-PAP	Siemens ( Advia Series / Dimension Series )	103	88.01	7.02	6.18	86 mg/dl	-0.33	1.22
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens ( Advia Series / Dimension Series )	99	93.81	5.58	5.24	92 mg/dl	-0.35	1.05
12	HDL CHO	Direct method / Enzymatic colorimetric	Siemens ( Advia Series / Dimension Series )	90	25.83	7.00	1.81	25 mg/dl	-0.46	0.38
13	SODIUM	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	142	136.90	3.39	4.64	139 mmol/L	0.45	0.78
14	POTASSIUM	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	142	4.56	5.02	0.23	4.5 mmol/L	-0.26	0.04
15	CHLORIDE	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	112	101.65	3.88	3.94	100 mmol/L	-0.42	0.75
16	AST	UV kinetic with PLP ( P -	Siemens ( Advia	77	112.00	6.42	7.19	126 U/L	1.95	1.64

External Quality Assurance Scheme - View Monthly Summary

		5-P )	Series / Dimension Series )							
17	ALT	UV kinetic with PLP ( P-5-P )	Siemens ( Advia Series / Dimension Series )	78	118.81	9.02	10.72	121 U/L	0.20	2.43
18	ALP	PNP AMP kinetic	Siemens ( Advia Series / Dimension Series )	97	82.94	9.60	7.96	85 U/L	0.26	1.62
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation )	337	104.14	16.37	17.04	105 U/L	0.05	1.86
20	IRON	Ferrene ( No Protein Removal )	Siemens ( Advia Series / Dimension Series )	26	152.38	4.99	7.60	138 ug/dl	-1.89	2.98
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation )	129	3.07	18.77	0.58	2.2 mg/dl	-1.51	0.10

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.

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