

LAB MONTHLY SUMMARY

Lab Name **ST THERESAS HOSPITAL**Lab No **0309**Month **September**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **10/09/2020**Date of Report Published : **07/10/2020**

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)	82	238.29	5.66	13.48	243 mg/dl	0.35	2.98
2	UREA	UREASE UV / GLDH	Siemens (Advia Series / Dimension Series)	95	141.90	5.83	8.28	141 mg/dl	-0.11	1.70
3	CREATININE	JAFFE RATE-BLANKED &COMPENSATED/Alkaline Picrate	Siemens (Advia Series / Dimension Series)	77	1.50	6.42	0.10	1.45 mg/dl	-0.52	0.02
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Siemens (Advia Series / Dimension Series)	88	5.31	4.63	0.25	5.1 mg/dl	-0.85	0.05
5	T-PROTEIN	BIURET - colorimetric	Siemens (Advia Series / Dimension Series)	100	5.12	4.53	0.23	5 g/dl	-0.52	0.05
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Siemens (Advia Series / Dimension Series)	53	3.00	4.73	0.14	2.9 g/dl	-0.70	0.04
7	CALCIUM	OCPC-DEA (O - Cresolphthalein compleazone)	Any Analyser	37	10.94	8.21	0.90	11 mg/dl	0.07	0.30
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Any Analyser	233	6.87	10.33	0.71	6 mg/dl	-1.23	0.09
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Siemens (Advia Series / Dimension Series)	93	7.22	2.45	0.18	7.2 mg/dl	-0.11	0.04
10	CHOLESTEROL	CHOD-PAP	Siemens (Advia Series / Dimension Series)	87	86.28	6.03	5.20	86 mg/dl	-0.05	1.12
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens (Advia Series / Dimension Series)	91	96.38	6.76	6.52	92 mg/dl	-0.67	1.37
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Siemens (Advia Series / Dimension Series)	85	24.74	6.51	1.61	25 mg/dl	0.16	0.35
13	SODIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	69	144.52	3.40	4.92	142 mmol/L	-0.51	1.18
14	POTASSIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	68	4.30	3.58	0.15	4.1 mmol/L	-1.30	0.04
15	CHLORIDE	ISE - Indirect	Siemens (Advia Series / Dimension Series)	55	113.00	2.80	3.16	111 mmol/L	-0.63	0.85
16	AST	UV-Kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	99	287.94	6.68	19.24	300 U/L	0.63	3.87
17	ALT	UV-Kinetic with PLP (P-5-P)	Siemens (Advia Series / Dimension Series)	92	121.78	11.76	14.32	127 U/L	0.36	2.99
18	ALP	PNP AMP KINETIC	Siemens (Advia Series / Dimension Series)	91	58.84	10.15	5.97	61 U/L	0.36	1.25
19	AMYLASE	CNPG3	Any Analyser	622	141.03	22.10	31.17	146 U/L	0.16	2.50

20	IRON	FERRENE (No Protein Removal)	Siemens (Advia Series / Dimension Series)	19	187.44	3.68	6.89	183 ug/dl	-0.64	3.16
21	MAGNESIUM	OTHERS (Any Other Principles / Methods)	Any Analyser	107	3.29	18.25	0.60	2.2 mg/dl	-1.82	0.12

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

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