

## LAB MONTHLY SUMMARY

Lab Name **ST THERESAS HOSPITAL**Lab No **0309**Month **April**Year **2021**Constituent Group **Chemistry I**Date of Result Entered : **09/04/2021**Date of Report Published : **01/05/2021**

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 )	85	151.98	4.65	7.07	157 mg/dl	0.71	1.53
2	UREA	Urease UV / GLDH	Siemens ( Advia Series / Dimension Series )	106	60.99	6.24	3.81	63 mg/dl	0.53	0.74
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Siemens ( Advia Series / Dimension Series )	97	2.87	5.19	0.15	2.8 mg/dl	-0.47	0.03
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Siemens ( Advia Series / Dimension Series )	104	2.53	5.94	0.15	2.52 mg/dl	-0.07	0.03
5	T-PROTEIN	Biuret - Colorimetric	Siemens ( Advia Series / Dimension Series )	110	5.03	3.46	0.17	4.9 g/dl	-0.75	0.03
6	ALBUMIN	BCP - Bromocresol purple ( colorimetric )	Siemens ( Advia Series / Dimension Series )	75	2.95	4.64	0.14	2.7 g/dl	-1.82	0.03
7	CALCIUM	OCPC ( O - Cresolphthalein Compleazone )	Siemens ( Advia Series / Dimension Series )	58	10.39	4.59	0.48	10.5 mg/dl	0.23	0.13
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation )	313	7.75	15.22	1.18	6.7 mg/dl	-0.89	0.13
9	URIC ACID	Enzymatic / Uricase Colorimetric	Siemens ( Advia Series / Dimension Series )	99	5.86	4.61	0.27	5.7 mg/dl	-0.59	0.05
10	CHOLESTEROL	CHOD-PAP	Siemens ( Advia Series / Dimension Series )	105	95.37	7.46	7.11	98 mg/dl	0.37	1.39
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Siemens ( Advia Series / Dimension Series )	102	132.45	5.56	7.36	133 mg/dl	0.07	1.46
12	HDL CHO	Direct method / Enzymatic colorimetric	Siemens ( Advia Series / Dimension Series )	94	25.05	6.19	1.55	24 mg/dl	-0.68	0.32
13	SODIUM	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	135	135.49	2.91	3.95	141 mmol/L	1.40	0.68
14	POTASSIUM	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	137	6.15	6.59	0.40	6.4 mmol/L	0.62	0.07
15	CHLORIDE	ISE - Indirect	Siemens ( Advia Series / Dimension Series )	108	104.24	4.37	4.56	103 mmol/L	-0.27	0.88
16	AST	UV kinetic with PLP ( P-5-P )	Siemens ( Advia Series / Dimension Series )	92	62.23	6.60	4.11	69 U/L	1.65	0.86
17	ALT	UV kinetic with PLP ( P-5-P )	Siemens ( Advia Series / Dimension Series )	85	270.03	6.77	18.27	281 U/L	0.60	3.96
18	ALP	PNP AMP kinetic	Siemens ( Advia Series / Dimension Series )	97	127.06	7.50	9.53	125 U/L	-0.22	1.94
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi	393	100.27	19.24	19.30	100 U/L	-0.01	1.95

			Automation )							
20	IRON	Ferrene ( No Protein Removal )	Siemens ( Advia Series / Dimension Series )	24	112.63	4.49	5.06	108 ug/dl	-0.92	2.06
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation )	136	2.12	13.66	0.29	2 mg/dl	-0.42	0.05

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:

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Dr. Pamela Christudoss

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Christian Medical College, Vellore

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

## LAB MONTHLY SUMMARY



Lab Name **ST THERESAS HOSPITAL**  
 Month **April**  
 Constituent Group **HbA1c**

Lab No **0309**  
 Year **2021**



Date of Result Entered : **09/04/2021**

Date of Report Published : **01/05/2021**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Enzymatic	Any Analyser	52	6.92	12.63	0.87	6.6 %	-0.37	0.24

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.

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