

LAB MONTHLY SUMMARY

Lab Name **SRI SELLAM CLINICAL LAB**Lab No **13599**Month **October**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **15/10/2020**Date of Report Published : **05/12/2020**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	160	176.67	6.85	12.11	177 mg/dl	0.03	1.91
2	UREA	Urease UV / GLDH	Mindray	174	115.46	8.95	10.33	97 mg/dl	-1.79	1.57
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	218	4.77	8.84	0.42	4.6 mg/dl	-0.40	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	125	3.65	10.40	0.38	3.7 mg/dl	0.13	0.07
5	T-PROTEIN	Biuret - Colorimetric	Mindray	154	4.75	7.93	0.38	4.6 g/dl	-0.40	0.06
6	ALBUMIN	BCG - colorimetric	Mindray	156	2.99	8.46	0.25	2.9 g/dl	-0.36	0.04
7	CALCIUM	Arsenazo III	Biosystems	130	9.54	9.06	0.86	8.6 mg/dl	-1.09	0.15
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	87	4.88	9.60	0.47	5.4 mg/dl	1.11	0.10
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	130	3.75	13.95	0.52	4.4 mg/dl	1.24	0.09
10	CHOLESTEROL	CHOD-PAP	Mindray	155	96.74	8.69	8.40	89 mg/dl	-0.92	1.35
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	147	193.90	6.66	12.91	222 mg/dl	2.18	2.13
12	HDL CHO	Direct method / Enzymatic colorimetric	Mindray	115	22.40	12.25	2.74	19 mg/dl	-1.24	0.51
13	SODIUM	ISE - Direct	Mindray	26	127.87	3.38	4.33	126 mmol/L	-0.43	1.70
14	POTASSIUM	ISE - Direct	Any Analyser	125	5.55	5.87	0.33	5.7 mmol/L	0.46	0.06
15	CHLORIDE	ISE - Direct	Any Analyser	107	107.74	4.41	4.75	108 mmol/L	0.05	0.92
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Biosystems	16	19.86	14.99	2.98	22 mmol/L	0.72	1.49
17	AST	UV kinetic without PLP (P-5-P)	Mindray	142	55.67	12.45	6.93	67 U/L	1.63	1.16
18	ALT	UV kinetic without PLP (P-5-P)	Mindray	137	188.04	14.92	28.05	155 U/L	-1.18	4.79
19	ALP	PNP AMP kinetic	Mindray	100	58.45	15.44	9.02	57 U/L	-0.16	1.80
20	AMYLASE	CNPG3	Biosystems	146	66.23	17.27	11.44	77 U/L	0.94	1.89
21	MAGNESIUM	Methyl Thymol Blue	Any Analyser	26	2.00	15.47	0.31	2 mg/dl	0.00	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

Contact details:

Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss

Dr. Pamela Christudoss
CMC EQAS Co-Ordinator
Christian Medical College, Vellore

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