

LAB MONTHLY SUMMARY

Lab Name **SRI SELLAM CLINICAL LAB** Lab No **13599**
 Month **July** Year **2020**
 Constituent Group **Chemistry I**

Date of Result Entered : 31/07/2020

Date of Report Published : 14/08/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	115	408.24	6.22	25.41	123 mg/dl	-11.23	4.74
2	UREA	UREASE UV / GLDH	Mindray	144	92.77	7.54	7.00	70.5 mg/dl	-3.18	1.17
3	CREATININE	JAFFE RATE-BLANKED & COMPENSATED/Alkaline Picrate	Biosystems	122	0.96	11.49	0.11	5.6 mg/dl	42.18	0.02
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Mindray	102	4.04	11.20	0.45	5.77 mg/dl	3.84	0.09
5	T-PROTEIN	BIURET - colorimetric	Mindray	129	5.15	7.73	0.40	5.47 g/dl	0.80	0.07
6	ALBUMIN	BCG - colorimetric	Mindray	139	3.25	8.71	0.28	3.21 g/dl	-0.14	0.05
7	CALCIUM	ARSENAZO III	Biosystems	98	11.03	6.19	0.68	13.1 mg/dl	3.04	0.14
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Biosystems	59	3.41	13.61	0.46	4.8 mg/dl	3.02	0.12
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Mindray	129	7.38	8.13	0.60	6.85 mg/dl	-0.88	0.11
10	CHOLESTEROL	CHOD-PAP	Mindray	124	102.40	7.16	7.34	114 mg/dl	1.58	1.32
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	125	224.10	7.32	16.40	304 mg/dl	4.87	2.93
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Mindray	75	26.32	8.26	2.17	21 mg/dl	-2.45	0.50
13	SODIUM	ISE - Direct	Mindray	22	141.16	2.28	3.22	125.4 mmol/L	-4.89	1.37
14	POTASSIUM	ISE - Direct	Any Analyser	92	3.08	7.41	0.23	3.5 mmol/L	1.84	0.05
15	CHLORIDE	ISE - Direct	Any Analyser	61	109.19	4.08	4.46	102.9 mmol/L	-1.41	1.14
16	BICARBONATE	ENZYMATIC - PEPC (Phosphoenolpyruvate)	Biosystems	16	22.50	12.76	2.87	20 mmol/L	-0.87	1.44
17	AST	UV-Kinetic without PLP (P-5-P)	Mindray	127	208.87	12.58	26.27	48.9 U/L	-6.09	4.66
18	ALT	UV-Kinetic without PLP (P-5-P)	Mindray	116	128.98	18.76	24.20	245.6 U/L	4.82	4.49
19	ALP	PNP AMP KINETIC	Mindray	77	65.85	16.11	10.61	229 U/L	15.38	2.42
20	AMYLASE	CNPG3	Biosystems	124	43.77	15.58	6.82	84 U/L	5.9	1.22

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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Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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