

## LAB MONTHLY SUMMARY

Lab Name **Sundaram Arulraj Hospitals**Lab No **11661**Month **January**Year **2021**Constituent Group **Chemistry I**Certificate No. PC-1024  
NABL PT Accredited LaboratoryDate of Result Entered : **13/01/2021**Date of Report Published : **05/02/2021**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	620	124.40	8.91	11.08	132 mg/dl	0.69	0.89
2	UREA	Others ( Urease Berthelot / Ned Dye )	Any Analyser (Automation / Semi Automation)	167	33.33	13.83	4.61	35 mg/dl	0.36	0.71
3	CREATININE	Enzymatic Colorimetric	Any Analyser (Automation / Semi Automation)	74	1.57	14.13	0.22	2 mg/dl	1.94	0.05
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Any Analyser (Automation / Semi Automation)	516	2.26	18.19	0.41	1.3 mg/dl	-2.34	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	546	5.11	9.23	0.47	6.1 g/dl	2.10	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	554	3.16	9.09	0.29	3.6 g/dl	1.53	0.02
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	302	4.23	14.23	0.60	4 mg/dl	-0.38	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	538	5.10	17.21	0.88	6.6 mg/dl	1.71	0.08
9	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	573	106.05	10.21	10.83	120 mg/dl	1.29	0.90
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	548	132.00	12.46	16.44	138 mg/dl	0.36	1.40
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	394	139.59	3.46	4.83	144 mmol/L	0.91	0.49
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	395	2.98	5.77	0.17	3.3 mmol/L	1.86	0.02
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	302	103.53	4.08	4.22	116 mmol/L	2.95	0.49
14	AST	UV kinetic without PLP ( P-5-P )	Any Analyser (Automation / Semi Automation)	371	57.25	13.57	7.77	56 U/L	-0.16	0.81
15	ALT	UV kinetic without PLP ( P-5-P )	Any Analyser (Automation / Semi Automation)	366	58.78	19.41	11.41	49 U/L	-0.86	1.19
16	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	356	84.96	16.59	14.09	78 U/L	-0.49	1.49
17	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	450	40.65	19.40	7.89	43 U/L	0.30	0.74

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  $\pm 3.0$  | 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 \*\*\*\*\*