

## LAB MONTHLY SUMMARY

Lab Name **MAYOM HOSPITAL**Lab No **6566**Month **September**Year **2020**Constituent Group **Chemistry I**Date of Result Entered : **17/09/2020**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	GOD-POD	Transasia / Erba	826	242.09	7.20	17.44	270.1 mg/dl	1.61	1.21
2	UREA	UREASE UV / GLDH	Transasia / Erba	758	142.74	7.94	11.33	144.1 mg/dl	0.12	0.82
3	CREATININE	ENZYMATIC COLORIMETRIC	Transasia / Erba	273	1.37	9.17	0.13	1.4 mg/dl	0.24	0.02
4	T.BILIRUBIN	EVELYN-MALLOY	Any Analyser	88	5.05	8.63	0.44	5.4 mg/dl	0.80	0.09
5	T-PROTEIN	BIURET - colorimetric	Transasia / Erba	744	5.58	6.69	0.37	4.9 g/dl	-1.82	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	776	3.26	6.29	0.20	3.1 g/dl	-0.78	0.01
7	CALCIUM	ARSENAZO III	Transasia / Erba	457	11.31	8.02	0.91	11.1 mg/dl	-0.23	0.08
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Transasia / Erba	293	7.03	9.55	0.67	7.6 mg/dl	0.85	0.08
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Transasia / Erba	645	7.66	7.91	0.61	8.6 mg/dl	1.55	0.05
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	751	103.72	8.65	8.97	106 mg/dl	0.25	0.65
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	579	82.15	14.07	11.56	78 mg/dl	-0.36	0.96
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Transasia / Erba	523	25.72	10.80	2.78	25.1 mg/dl	-0.22	0.24
13	SODIUM	ISE - Indirect	Any Analyser	974	141.25	3.18	4.49	139.4 mmol/L	-0.41	0.29
14	POTASSIUM	ISE - Indirect	Any Analyser	958	4.19	5.29	0.22	4.1 mmol/L	-0.41	0.01
15	CHLORIDE	ISE - Indirect	Any Analyser	705	109.78	5.12	5.62	106.9 mmol/L	-0.51	0.42
16	AST	UV-Kinetic without PLP (P-5-P)	Transasia / Erba	705	220.34	11.73	25.84	232.2 U/L	0.46	1.95
17	ALT	UV-Kinetic without PLP (P-5-P)	Transasia / Erba	684	103.32	16.61	17.16	119.2 U/L	0.93	1.31
18	ALP	PNP AMP KINETIC	Transasia / Erba	679	54.46	21.12	11.50	68 U/L	1.18	0.88
19	AMYLASE	CNPG3	Any Analyser	622	141.03	22.10	31.17	114 U/L	-0.87	2.50

SDI Range	Interpretation
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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**

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