



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JUNE 2024

Lab Name **MORRIS MATHIAS HOSPITAL**Lab No **0399**Constituent Group **Chemistry I**Date of Result Entered : **15/06/2024**PT item **Lyophilized human serum based**Date of Report Published : **27/06/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	Hexokinase	Beckman AU480/680/5800/DXC700AU	164	304.41	4.39	13.38	328.6 mg/dL	1.81	2.09
2	UREA	Urease UV / GLDH	Beckman AU480/680/5800/DXC700AU	198	78.90	5.37	4.23	86 mg/dL	1.68	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Beckman AU480/680/5800/DXC700AU	133	1.78	7.80	0.14	1.81 mg/dL	0.22	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Beckman AU480/680/5800/DXC700AU	132	2.90	5.00	0.14	2.99 mg/dL	0.62	0.03
5	T-PROTEIN	Biuret - Colorimetric	Beckman AU480/680/5800/DXC700AU	186	5.04	3.93	0.20	5.1 g/dL	0.30	0.03
6	ALBUMIN	BCG - colorimetric	Beckman AU480/680/5800/DXC700AU	190	3.12	4.62	0.14	3.3 g/dL	1.25	0.02
7	CALCIUM	Arsenazo III	Beckman AU480/680/5800/DXC700AU	180	9.98	3.03	0.30	10.2 mg/dL	0.73	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Beckman AU480/680/5800/DXC700AU	145	5.25	5.34	0.28	5.4 mg/dL	0.54	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Beckman AU480/680/5800/DXC700AU	183	3.49	4.30	0.15	3.7 mg/dL	1.40	0.02
10	CHOLESTEROL	CHOD-PAP	Beckman AU480/680/5800/DXC700AU	187	113.21	5.42	6.14	115 mg/dL	0.29	0.90
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Beckman AU480/680/5800/DXC700AU	186	100.97	6.24	6.30	104 mg/dL	0.48	0.92
12	HDL	Direct method / Enzymatic colorimetric	Beckman AU480/680/5800/DXC700AU	171	24.87	7.42	1.85	34.2 mg/dL	5.05	0.28
13	SODIUM	ISE - Indirect	Any Analyser	549	125.92	3.56	4.48	128 mmol/L	0.46	0.38
14	POTASSIUM	ISE - Indirect	Any Analyser	548	3.10	5.52	0.17	3.1 mmol/L	0.00	0.01
15	AST	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	179	82.76	8.71	7.20	80 U/L	-0.38	1.08
16	ALT	UV kinetic(with & without PLP (P-5-P))	Beckman AU480/680/5800/DXC700AU	174	214.86	14.13	30.36	205 U/L	-0.32	4.60
17	ALP	PNP AMP kinetic	Beckman AU480/680/5800/DXC700AU	177	48.06	11.97	5.75	48 U/L	-0.01	0.86
18	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	96	73.10	9.78	7.15	61.04 U/L	-1.69	1.46
19	MAGNESIUM	Xylidyl Blue	Beckman AU480/680/5800/DXC700AU	75	1.55	5.98	0.09	1.5 mg/dL	-0.54	0.02

u* - Method of Uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (action Signal)

LAB ADDRESS :
MORRIS MATHIAS HOSPITAL
355, K.P.ROAD

VIEW LAB MONTHLY SUMMARY

Lab Name **MORRIS MATHIAS HOSPITAL**

[Details About Robust Analysis](#)

Lab No **0399**

[Detail About Monthly Summary](#)

Month **June**

[Detail about Z-Score](#)

Year **2024**

Constituent Group **HbA1c**

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Date of Result Entered : 15/06/2024

Date of Report Published : 27/06/2024

S	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Beckman AU480/680/5800/DXC700AU	40	5.67	7.83	0.44	7 %	3.00	0.14

u* - Method of Uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
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