



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JUNE 2023



PC-1024

Lab Name DR DASGUPTA S PATHOLOGICAL LABORATORY

Lab No 11322

Constituent Group Chemistry I

Date of Result Entered : 20/06/2023

PT Item Lyophilized human serum based

Date of Report Published : 04/07/2023

1	GLUCOSE	GOD-POD	Transasia / Erba	962	128.53	6.19	7.95	119 mg/dL	-1.20	0.51
2	UREA	Urease UV / GLDH	Transasia / Erba	939	48.12	7.85	3.78	52 mg/dL	1.03	0.25
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Transasia / Erba	464	2.04	9.72	0.20	1.6 mg/dL	-2.22	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	969	2.83	11.99	0.34	3.6 mg/dL	2.27	0.02
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	944	6.00	6.81	0.41	6.2 g/dL	0.49	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	829	3.54	7.30	0.26	4 g/dL	1.78	0.02
7	CALCIUM	Arsenazo III	Transasia / Erba	682	10.21	7.80	0.80	10.3 mg/dL	0.11	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Transasia / Erba	466	4.63	9.58	0.44	4.8 mg/dL	0.38	0.04
9	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	925	5.11	8.87	0.45	9.2 mg/dL	9.09	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	935	116.36	7.89	9.18	135 mg/dL	2.03	0.60
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	912	156.09	8.37	13.06	185 mg/dL	2.21	0.86
12	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1094	66.44	12.71	8.45	56 U/L	-1.24	0.51
13	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	1006	42.17	19.32	8.15	32 U/L	-1.25	0.51
14	ALP	PNP AMP kinetic	Transasia / Erba	886	108.12	15.29	16.54	98 U/L	-0.61	1.11

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :

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Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

DR. DAS GUPTA LABORATORIES

Test Name: U_ACID
Calibration Type: End Point
B1: 0.0000
K1: 52.41

S1

Concentration: 6.00
Abs.: 0.1145
Test/Date: 07/07/2023 11:20:5

DR. DAS GUPTA LABORATORIES

Sample ID: 0001
Test Name: U_ACID
Abs.: 0.1197
Result: 6.28†
Unit: mg/dl
Ref. Low: 4.10
Ref. High: 5.80
Test/Date: 07/07/2023 11:21:2

DR. DASGUPTA'S LABORATORY & EYE CLINIC

See 5.5; Doc.: DGPL/QF/60B, Rev. No.: 00, Rev. Date :

EQAS PERFORMANCE

Sl. No	EQAS Agency	Sample Testing Date	Cycle No/ Sample No	Parameter Outlier	Remarks & Corrective Action Taken	Reviewed By
	CMC Vellore	20/6/23	June 2023	Umic acid SDI= 9.0	Calibration of Breakdown Umic acid done and Eqas retained Sample Repeated. Repeat Run result 6.2 $SDI = \frac{\text{Your result} - DV}{SD}$ $= \frac{6.2 - 5.11}{0.45}$ $SDI = 2.42$ Acceptable with caution.	

Signature
7/7/23

Doc.:	Quality system procedures		
Issue No.: 01	Issue Date : 01.01.2020	Prepared & Issued by QM :	Page 179 of 217
		Approved by Lab Director :	