



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JULY 2023



Lab Name SRI ABIRAMI CLINICAL LABORATORY

Lab No 2080

Constituent Group Chemistry I

Date of Result Entered : 08/07/2023

PT Item Lyophilized human serum based

Date of Report Published : 07/08/2023

Sl. No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	280.42	3.96	11.11	277.3 mg/dL	-0.28	1.32
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	294	63.48	6.23	3.96	60.6 mg/dL	-0.73	0.46
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	253	4.51	5.10	0.23	3.9 mg/dL	-2.65	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	3.16	5.10	0.16	3.2 mg/dL	0.25	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	295	5.44	4.03	0.22	5.3 g/dL	-0.64	0.03
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Roche C111, C311, Integra 400 plus, C501, C502, C702	36	3.51	5.04	0.18	3.6 g/dL	0.51	0.06
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	236	10.29	3.41	0.35	10.2 mg/dL	-0.26	0.05
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	232	4.66	3.56	0.17	4.3 mg/dL	-2.17	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	5.60	4.59	0.26	5.1 mg/dL	-1.95	0.03
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	297	125.97	3.98	5.02	120.4 mg/dL	-1.11	0.58
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	274	169.39	3.81	6.46	168.1 mg/dL	-0.20	0.78
12	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	25.70	4.39	1.13	25.1 mg/dL	-0.53	0.13
13	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	202.78	5.91	11.99	206.9 U/L	0.34	1.42
14	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	281.44	6.89	19.40	289.1 U/L	0.39	2.29
15	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	199.00	7.49	14.90	189 U/L	-0.67	1.76
16	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	119	3.30	5.27	0.17	3.2 mg/dL	-0.57	0.03

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.

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Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *****