



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name SRI ABIRAMI CLINICAL LABORATORY

Lab No 2080

Constituent Group Chemistry I

Date of Result Entered : 10/09/2023

PT item Lyophilized human serum based

Date of Report Published : 05/10/2023

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	279	205.63	3.44	7.07	210.5 mg/dL	0.69	0.85
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	110.69	5.36	5.94	99.4 mg/dL	-1.90	0.68
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	263	7.83	4.58	0.36	7.5 mg/dL	-0.92	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	1.94	5.89	0.11	2 mg/dL	0.53	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	5.10	3.90	0.20	5.3 g/dL	1.00	0.02
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Roche C111, C311, Integra 400 plus, C501, C502, C702	41	3.38	7.29	0.25	3.5 g/dL	0.49	0.08
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	240	10.79	2.95	0.32	10.6 mg/dL	-0.60	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	236	5.55	3.48	0.19	5.4 mg/dL	-0.78	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	6.67	3.81	0.25	6.5 mg/dL	-0.67	0.03
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	305	121.15	3.88	4.70	119 mg/dL	-0.46	0.54
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	130.55	4.71	6.15	131.7 mg/dL	0.19	0.73
12	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	22.93	5.45	1.25	23.3 mg/dL	0.30	0.15
13	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	93.03	6.57	6.11	96.3 U/L	0.54	0.72
14	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	295	52.29	9.17	4.80	55.1 U/L	0.59	0.56
15	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	294	149.89	8.17	12.24	148.7 U/L	-0.10	1.43
16	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	175	145.78	3.66	5.33	140 U/L	-1.08	0.81
17	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	116	2.32	4.82	0.11	2.38 mg/dL	0.54	0.02

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 *****