



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name SRI ABIRAMI CLINICAL LABORATORY
Constituent Group Chemistry I
PT item Lyophilized human serum based

Lab No 2080
Date of Result Entered : 10/08/2023
Date of Report Published : 01/09/2023

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	284	60.46	4.29	2.59	61.9 mg/dL	0.56	0.31
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	300	17.40	7.11	1.24	16.7 mg/dL	-0.57	0.14
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	265	0.83	9.08	0.08	0.7 mg/dL	-1.73	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	0.74	7.80	0.06	0.8 mg/dL	1.03	0.01
5	T-PROTEIN	Bluret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	5.31	4.56	0.24	5.2 g/dL	-0.45	0.03
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Roche C111, C311, Integra 400 plus, C501, C502, C702	35	3.41	5.78	0.20	3.3 g/dL	-0.56	0.07
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	239	9.65	3.51	0.34	9.3 mg/dL	-1.03	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	233	2.73	4.43	0.12	2.7 mg/dL	-0.25	0.02
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	3.49	4.30	0.15	3.4 mg/dL	-0.60	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	124.78	3.75	4.69	120.7 mg/dL	-0.87	0.54
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	283	129.89	4.58	5.94	128.3 mg/dL	-0.27	0.71
12	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	24.73	6.08	1.50	25 mg/dL	0.18	0.18
13	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	33.57	7.87	2.64	34.2 U/L	0.24	0.31
14	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	25.04	14.54	3.64	25.1 U/L	0.02	0.43
15	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	99.62	6.77	6.74	98 U/L	-0.24	0.79
16	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	119	1.62	4.94	0.08	1.61 mg/dL	-0.12	0.01

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 *****