



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2023



PC-1024

Lab Name SRI ABIRAMI CLINICAL LABORATORY

Lab No 2080

Constituent Group Chemistry I

Date of Result Entered : 11/11/2023

PT Item Lyophilized human serum based

Date of Report Published : 05/12/2023

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	269	96.27	3.38	3.25	98.7 mg/dL	0.75	0.40
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	90.73	5.11	4.63	82.5 mg/dL	-1.78	0.55
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	254	1.13	7.77	0.09	1 mg/dL	-1.48	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	7.36	4.84	0.36	7.6 mg/dL	0.67	0.04
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	3.57	4.14	0.15	3.5 g/dL	-0.47	0.02
6	ALBUMIN	BCP - Bromocresol purple (colorimetric)	Roche C111, C311, Integra 400 plus, C501, C502, C702	33	2.43	8.38	0.20	2.4 g/dL	-0.15	0.07
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	236	7.98	3.42	0.27	7.9 mg/dL	-0.29	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	229	6.98	3.50	0.24	7.1 mg/dL	0.49	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	283	3.16	3.73	0.12	2.9 mg/dL	-2.20	0.01
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	295	70.03	4.60	3.22	69.2 mg/dL	-0.26	0.37
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	278	174.00	3.56	6.20	170.7 mg/dL	-0.53	0.74
12	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	281	17.48	5.54	0.97	17 mg/dL	-0.50	0.12
13	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	108.29	8.00	8.66	107.1 U/L	-0.14	1.03
14	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	281	27.58	11.95	3.30	27.7 U/L	0.04	0.39
15	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	99.66	6.83	6.81	91.8 U/L	-1.15	0.81
16	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	172	36.24	3.85	1.39	40 U/L	2.70	0.21
17	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	111	3.95	5.07	0.20	4.2 mg/dL	1.25	0.04

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 :

SRI ABIRAMI CLINICAL LABORATORY
331/38, TRICHY MAIN ROAD, SANJEEVIRAYANPET,DADAGAPATTY, SALEM - 636006
SALEM
TAMILNADU636006

Coordinator Contact Details:
Email:clinq@cmcvellore.ac.in
Contact Number: 0416-2283102

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
CMC EQAS does not sub contract any components
***** End of Report *****