



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - SEPTEMBER 2024

LAB NO: 10193

LAB NAME: QRIS HEALTH

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 06/09/2024

Date of Result Published: 01/10/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Mindray	298	101.98	5.52	5.63	105.8 mg/dL	0.68	0.65
2	UREA	Urease UV / GLDH	Mindray	365	58.25	6.01	3.5	64.55 mg/dL	1.8	0.37
3	CREATININE	Enzymatic Colorimetric	Mindray	135	1.89	5.54	0.1	1.91 mg/dL	0.2	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	324	3.85	8.81	0.34	3.92 mg/dL	0.21	0.04
5	T-PROTEIN	Biuret - Colorimetric	Mindray	371	5.24	6.04	0.32	5.4 g/dL	0.5	0.03
6	ALBUMIN	BCG - colorimetric	Mindray	359	3.28	6.32	0.21	3.5 g/dL	1.05	0.02
7	CALCIUM	Arsenazo III	Mindray	294	9.36	6.37	0.6	10.37 mg/dL	1.68	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	362	4.56	7.46	0.34	4.47 mg/dL	-0.26	0.04
9	CHOLESTEROL	CHOD-PAP	Mindray	367	112.36	6.22	6.99	116.7 mg/dL	0.62	0.73
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	364	118.43	8.25	9.77	128.4 mg/dL	1.02	1.02
11	HDL	Direct method / Enzymatic colorimetric	Mindray	310	24.41	8.71	2.13	28.2 mg/dL	1.78	0.24
12	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1516	134.37	3.07	4.12	138.1 mmol/L	0.91	0.21
13	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1520	3.39	5.52	0.19	4.01 mmol/L	3.26	0.01
14	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1237	98.42	4.22	4.15	108 mmol/L	2.31	0.24
15	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	356	32.62	9.69	3.16	36.1 U/L	1.1	0.34
16	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	353	41.63	14.81	6.17	45.9 U/L	0.69	0.66
17	ALP	PNP AMP kinetic	Mindray	281	128.91	14.34	18.48	138.3 U/L	0.51	2.21
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	597	164.12	21.56	35.39	160.7 U/L	-0.1	2.9