



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name	DR GUNNAS DIAGNOSTICS	Lab No	18557
Constituent Group	Chemistry I	Date of Result Entered :	19/06/2023
PT Item	Lyophilized human serum based	Date of Report Published :	04/07/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	226	124.94	5.28	6.59	128 mg/dL	0.46	0.88
2	UREA	Urease UV / GLDH	Mindray	272	48.59	6.80	3.30	53 mg/dL	1.34	0.40
3	CREATININE	Enzymatic Colorimetric	Mindray	89	2.07	6.90	0.14	2.2 mg/dL	0.91	0.03
4	T.BILIRUBIN	Others (DPD, Vanadate Oxidation)	Any Analyser (Automation / Semi Automation)	257	2.90	13.15	0.38	2.95 mg/dL	0.13	0.05
5	T-PROTEIN	Biuret - Colorimetric	Mindray	277	5.72	7.11	0.41	6 g/dL	0.69	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	268	3.57	6.91	0.25	3.7 g/dL	0.53	0.03
7	CALCIUM	Arsenazo III	Mindray	230	10.23	6.79	0.70	10.5 mg/dL	0.39	0.09
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	281	4.75	7.41	0.35	5 mg/dL	0.71	0.04
9	CHOLESTEROL	CHOD-PAP	Mindray	284	119.43	6.86	8.19	130 mg/dL	1.29	0.97
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	281	183.28	6.90	12.64	200 mg/dL	1.32	1.51
11	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1247	134.31	3.28	4.40	139 mmol/L	1.07	0.25
12	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1244	5.18	5.90	0.31	5.29 mmol/L	0.36	0.02
13	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	983	101.78	4.10	4.18	101.7 mmol/L	-0.02	0.27
14	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	261	69.41	10.41	7.23	73 U/L	0.50	0.89
15	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	260	49.17	14.12	6.94	54 U/L	0.70	0.86
16	ALP	PNP AMP kinetic	Mindray	188	120.38	15.69	18.89	160 U/L	2.10	2.75

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 :
DR GUNNAS DIAGNOSTICS
H.NO: 4-2, STREET NO-7, BESIDE NERI METRO STATION, HABSIGUDA
HYDERABAD
TELANGANA500007

Pandela Christudoss