



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - DECEMBER 2021



Lab Name **DR RAJU S BLOOMS DIAGNOSTIC CENTRE**

Lab No **9363**

Constituent Group **Chemistry I**

Date of Result Entered : **21/12/2021**

PT item **Lyophilized Serum**

Date of Report Published : **03/01/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Agape	142	193.28	6.75	13.05	204 mg/dl	0.82	2.19
2	UREA	Urease UV / GLDH	Agape	139	89.61	7.00	6.27	84 mg/dl	-0.89	1.06
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	72	6.11	9.04	0.55	6.25 mg/dl	0.25	0.13
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Agape	122	2.44	10.93	0.27	2.52 mg/dl	0.29	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	138	5.33	5.53	0.30	5.68 g/dl	1.16	0.05
6	ALBUMIN	BCG - colorimetric	Agape	129	3.55	6.05	0.22	3.65 g/dl	0.45	0.04
7	CALCIUM	Arsenazo III	Agape	106	11.01	7.53	0.83	10.1 mg/dl	-1.10	0.16
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	133	8.84	8.22	0.73	8.74 mg/dl	-0.13	0.13
9	CHOLESTEROL	CHOD-PAP	Agape	140	105.13	6.62	6.96	96.9 mg/dl	-1.18	1.18
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	140	209.66	7.65	16.05	201.8 mg/dl	-0.48	2.71
11	HDL CHO	Direct method / Enzymatic colorimetric	Agape	105	24.70	10.23	2.53	25.3 mg/dl	0.24	0.49
12	SODIUM	ISE - Indirect	Any Analyser	559	141.48	2.83	4.01	143 mmol/L	0.38	0.34
13	POTASSIUM	ISE - Indirect	Any Analyser	590	3.34	5.61	0.19	3.31 mmol/L	-0.15	0.02
14	CHLORIDE	ISE - Indirect	Any Analyser	405	107.38	3.84	4.12	99 mmol/L	-2.03	0.41
15	AST	UV kinetic without PLP ( P-5-P )	Agape	98	90.34	11.26	10.17	92.4 U/L	0.20	2.06
16	ALT	UV kinetic without PLP ( P-5-P )	Agape	83	62.87	12.54	7.88	68.5 U/L	0.71	1.73
17	ALP	PNP AMP kinetic	Agape	70	255.35	15.02	38.37	185.8 U/L	-1.81	9.17

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 RAJU S BLOOMS DIAGNOSTIC CENTRE  
YARNOOL COMPLEX, GANGAMMA GUDI ROAD  
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*Pamela Christudoss*

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**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 \*\*\*\*\***