



CHRISTIAN MEDICAL COLLEGE
DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MARCH 2022



Lab Name SEVANA HI-TECH LAB
Constituent Group Chemistry I
PT item Lyophilized Serum

Lab No 15567
Date of Result Entered : 08/03/2022
Date of Report Published : 06/04/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	TV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Agape	149	110.90	7.10	7.88	119.62 mg/dL	1.11	1.29
2	UREA	Urease UV / GLDH	Agape	160	82.10	8.04	6.60	86.23 mg/dL	0.63	1.04
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	86	3.73	9.72	0.36	3.87 mg/dL	0.39	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	131	1.58	11.91	0.19	1.57 mg/dL	-0.05	0.03
5	T-PROTEIN	Biuret - Colorimetric	Agape	165	5.04	6.41	0.32	5.61 g/dL	1.76	0.05
6	ALBUMIN	BCG - colorimetric	Agape	156	3.39	6.34	0.22	3.48 g/dL	0.42	0.03
7	CALCIUM	Arsenazo III	Agape	122	9.01	7.48	0.67	9.77 mg/dL	1.13	0.12
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	151	8.05	8.62	0.69	9.05 mg/dL	1.44	0.11
9	CHOLESTEROL	CHOD-PAP	Agape	169	100.48	8.05	8.09	111.02 mg/dL	1.30	1.24
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	160	205.76	7.92	16.30	234.44 mg/dL	1.76	2.58
11	AST	UV kinetic(with & without PLP (P-5-P))	Agape	139	227.42	8.70	19.79	235.39 U/L	0.40	3.36
12	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	127	161.58	16.80	27.15	217.6 U/L	2.06	4.82
13	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	279	233.19	16.91	39.44	212.38 U/L	-0.53	4.72

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.