



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2022



PC-1024

Lab Name **SRI SAMRAJ LABS**

Lab No **16144**

Constituent Group **Chemistry I**

Date of Result Entered : **19/05/2022**

PT item **Lyophilized Serum**

Date of Report Published : **08/06/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	740	187.21	7.55	14.14	205 mg/dL	1.26	1.04
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	649	61.39	9.26	5.68	65.8 mg/dL	0.78	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	518	2.50	10.54	0.26	2.84 mg/dL	1.29	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	615	3.68	14.65	0.54	4.38 mg/dL	1.30	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	715	5.96	8.31	0.50	6.06 g/dL	0.20	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	727	3.52	8.48	0.30	3.43 g/dL	-0.30	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	568	11.18	8.81	0.98	11.3 mg/dL	0.12	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	388	5.18	13.21	0.68	4.5 mg/dL	-0.99	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	617	5.12	15.52	0.79	5.3 mg/dL	0.23	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	712	120.28	8.16	9.81	127 mg/dL	0.68	0.74
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	693	108.59	12.47	13.55	111 mg/dL	0.18	1.03
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	453	27.91	13.77	3.84	25.1 mg/dL	-0.73	0.36
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1024	139.25	3.38	4.71	141.3 mmol/L	0.44	0.29
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1002	4.58	5.70	0.26	3.9 mmol/L	-2.61	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	785	102.75	4.07	4.18	105.4 mmol/L	0.63	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	649	65.06	14.17	9.22	64.1 U/L	-0.10	0.72
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	606	47.67	19.49	9.29	55.5 U/L	0.84	0.75
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	508	101.00	17.67	17.85	95.3 U/L	-0.32	1.58
19	AMYLASE	CNPG3	Any Analyser	457	46.60	17.80	8.29	44.2 U/L	-0.29	0.78

			(Automation / Semi Automation)							
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	74	103.73	14.15	14.68	204 ug/dL	6.83	3.41
21	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	146	2.54	16.89	0.43	1.67 mg/dL	-2.02	0.07

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 SAMRAJ LABS
14/2, NGO COLONY, TINDIVANAM
VILLUPURAM
TAMILNADU604001

Coordinator Contact Details:
Email: clinqc@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 *****