

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

Lab Name	DR KENNEDYS DIAGNOSTIC WORLD	Lab No	15238
Constituent Group	Chemistry I	Date of Result Entered :	14/05/2022
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	190 mg/dL	0.20	1.04
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	649	61.39	9.26	5.68	41 mg/dL	-3.59	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	518	2.50	10.54	0.26	2 mg/dL	-1.89	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	615	3.68	14.65	0.54	3.3 mg/dL	-0.70	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	715	5.96	8.31	0.50	5.8 g/dL	-0.32	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	727	3.52	8.48	0.30	2.8 g/dL	-2.42	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Complezone)	Any Analyser (Automation / Semi Automation)	214	10.99	10.68	1.17	10.3 mg/dL	-0.59	0.16
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	388	5.18	13.21	0.68	4.2 mg/dL	-1.43	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	617	5.12	15.52	0.79	3.4 mg/dL	-2.18	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	712	120.28	8.16	9.81	130 mg/dL	0.99	0.74
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	693	108.59	12.47	13.55	100 mg/dL	-0.63	1.03

12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	453	27.91	13.77	3.84	32 mg/dL	1.06	0.36
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1024	139.25	3.38	4.71	139 mmol/L	-0.05	0.29
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1002	4.58	5.70	0.26	4.7 mmol/L	0.46	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	785	102.75	4.07	4.18	106 mmol/L	0.78	0.30
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	186	21.97	12.74	2.80	23 mmol/L	0.37	0.41
17	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	649	65.06	14.17	9.22	58 U/L	-0.77	0.72
18	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	606	47.67	19.49	9.29	33 U/L	-1.58	0.75
19	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	508	101.00	17.67	17.85	102 U/L	0.06	1.58
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	457	46.60	17.80	8.29	40 U/L	-0.80	0.78
21	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	146	2.54	16.89	0.43	2.4 mg/dL	-0.33	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 :

DR KENNEDYS DIAGNOSTIC WORLD

A-42A, SKR COMPLEX, HINDU COLONY, MGR ROAD, NANGANALLUR

CHENNAI

TAMILNADU600061



Coordinator Contact Details:
Email:clinqc@cmcvellore.ac.in

Dr. Pamela Christudoss
CMC EQAS Coordinator

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 *****