

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

Lab Name DR KENNEDYS DIAGNOSTIC WORLD
Constituent Group Chemistry I
PT item Lyophilized Serum


Lab No 15238
Date of Result Entered : 04/08/2022
Date of Report Published : 05/09/2022

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)	759	185.57	7.46	13.85	190 mg/dL	0.32	1.01
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	641	61.56	9.11	5.61	55 mg/dL	-1.17	0.44
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	539	2.54	10.03	0.26	1.8 mg/dL	-2.90	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	660	3.72	14.76	0.55	1.7 mg/dL	-3.67	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	786	6.00	9.91	0.59	7 g/dL	1.68	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	751	3.53	8.21	0.29	3 g/dL	-1.83	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Compleazone)	Any Analyser (Automation / Semi Automation)	247	11.12	10.41	1.16	11 mg/dL	-0.10	0.15
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	360	5.09	12.15	0.62	4.9 mg/dL	-0.31	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	708	5.29	17.90	0.95	3.8 mg/dL	-1.58	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	744	120.77	8.20	9.90	120 mg/dL	-0.08	0.73
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	660	109.75	10.60	11.64	101 mg/dL	-0.75	0.91
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	489	28.38	14.99	4.25	30 mg/dL	0.38	0.38
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1027	139.51	3.22	4.49	135 mmol/L	-1.00	0.28
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1065	4.59	5.63	0.26	4.1 mmol/L	-1.90	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	869	102.65	4.14	4.25	106 mmol/L	0.79	0.29
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	198	22.16	13.36	2.96	22 mmol/L	-0.05	0.42
17	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	603	64.03	12.31	7.88	48 U/L	-2.03	0.64
18	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	619	47.23	17.37	8.20	42 U/L	-0.64	0.66
19	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	501	97.71	16.55	16.17	216 U/L	7.32	1.44
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	448	46.28	17.91	8.29	63 U/L	2.02	0.78
21	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	149	2.65	16.46	0.44	2.5 mg/dL	-0.34	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
Contact Number: 0416-2283102


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 *****