

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

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


Lab No 15238
Date of Result Entered : 06/09/2022
Date of Report Published : 05/10/2022

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)	803	177.30	7.21	12.78	193 mg/dL	1.23	0.90
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	661	98.36	8.92	8.77	62 mg/dL	-4.15	0.68
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	561	3.11	10.12	0.32	2.5 mg/dL	-1.94	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	646	3.10	13.04	0.40	3.1 mg/dL	0.00	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	805	5.20	9.33	0.48	6.5 g/dL	2.68	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	782	3.16	7.60	0.24	2.8 g/dL	-1.50	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Compleazone)	Any Analyser (Automation / Semi Automation)	242	10.02	8.98	0.90	9.9 mg/dL	-0.13	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	408	4.25	13.35	0.57	6.3 mg/dL	3.6	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	739	6.76	11.49	0.78	5.3 mg/dL	-1.88	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	762	104.59	9.22	9.64	90 mg/dL	-1.51	0.70
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	735	177.25	9.98	17.68	175 mg/dL	-0.13	1.30
12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	520	26.66	17.09	4.56	22 mg/dL	-1.02	0.40
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1087	134.94	3.37	4.54	133 mmol/L	-0.43	0.28
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1058	3.14	5.67	0.18	2.9 mmol/L	-1.35	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	919	97.34	4.81	4.68	102 mmol/L	1.00	0.31
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	186	21.00	12.69	2.66	22 mmol/L	0.38	0.39
17	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	705	63.66	10.94	6.97	56 U/L	-1.10	0.52
18	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	672	87.96	15.64	13.76	92 U/L	0.29	1.06
19	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	473	68.16	16.15	11.01	107 U/L	3.53	1.01
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	458	42.97	18.37	7.89	74 U/L	3.93	0.74
21	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	156	1.97	15.82	0.31	2.6 mg/dL	2.02	0.05

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.

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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 *****