

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

Lab Name	DR KENNEDYS DIAGNOSTIC WORLD	Lab No	15238
Constituent Group	Chemistry I	Date of Result Entered :	07/06/2022
PT item	Lyophilized Serum	Date of Report Published :	07/07/2022

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)	716	141.52	7.11	10.06	197 mg/dL	5.51	0.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	631	85.87	8.79	7.55	126 mg/dL	5.32	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	504	7.75	11.21	0.87	7.6 mg/dL	-0.17	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	636	5.70	12.66	0.72	5.3 mg/dL	-0.55	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	765	4.71	11.72	0.55	5.6 g/dL	1.61	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.84	9.49	0.27	3.1 g/dL	0.96	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Compleazone)	Any Analyser (Automation / Semi Automation)	214	8.17	11.30	0.92	12 mg/dL	4.16	0.13
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	370	3.25	16.00	0.52	4.7 mg/dL	2.79	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	703	9.70	9.92	0.96	7.5 mg/dL	-2.29	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	724	92.88	11.19	10.39	120 mg/dL	2.61	0.77
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	677	146.19	9.44	13.80	160 mg/dL	1.00	1.06

12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	486	22.93	17.68	4.05	30 mg/dL	1.74	0.37
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	961	113.20	5.02	5.68	123 mmol/L	1.73	0.37
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	972	2.04	11.50	0.24	2.2 mmol/L	0.68	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	796	82.39	7.07	5.82	88 mmol/L	0.96	0.41
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	184	18.84	14.88	2.80	19 mmol/L	0.06	0.41
17	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	634	49.10	12.58	6.18	46 U/L	-0.50	0.49
18	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	561	91.62	17.58	16.11	89 U/L	-0.16	1.36
19	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	441	344.26	14.94	51.42	301 U/L	-0.84	4.90
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	456	36.72	17.85	6.55	27 U/L	-1.48	0.61
21	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	120	2.98	17.65	0.53	2.3 mg/dL	-1.29	0.10

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 :

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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 *****