

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

Lab Name	DR KENNEDYS DIAGNOSTIC WORLD	Lab No	15238
Constituent Group	Chemistry I	Date of Result Entered :	14/07/2022
PT item	Lyophilized Serum	Date of Report Published :	05/08/2022

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)	761	304.55	7.92	24.11	140 mg/dL	-6.82	1.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	660	127.13	10.44	13.28	109 mg/dL	-1.37	1.03
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	536	4.30	10.61	0.46	4.1 mg/dL	-0.44	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	593	1.13	23.80	0.27	1.2 mg/dL	0.26	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	768	5.80	9.22	0.54	6.3 g/dL	0.93	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	744	3.50	8.24	0.29	3.6 g/dL	0.35	0.02
7	CALCIUM	OCPC (O - Cresolphthalein Complezone)	Any Analyser (Automation / Semi Automation)	232	9.79	7.74	0.76	10 mg/dL	0.28	0.10
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	409	6.65	13.00	0.86	4.6 mg/dL	-2.37	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	587	3.67	20.84	0.76	3 mg/dL	-0.88	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	739	119.24	8.54	10.18	158 mg/dL	3.81	0.75
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	709	258.73	10.01	25.89	192 mg/dL	-2.58	1.94

12	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	487	28.03	15.16	4.25	39 mg/dL	2.58	0.39
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1047	139.31	3.44	4.80	140 mmol/L	0.14	0.30
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1099	5.06	6.41	0.32	5.3 mmol/L	0.74	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	878	100.12	4.63	4.64	108 mmol/L	1.70	0.31
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	204	23.39	12.10	2.83	25 mmol/L	0.57	0.40
17	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	642	123.93	12.16	15.06	110 U/L	-0.92	1.19
18	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	629	57.09	15.22	8.69	60 U/L	0.33	0.69
19	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	480	212.77	14.81	31.52	230 U/L	0.55	2.88
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	392	293.40	16.25	47.68	240 U/L	-1.12	4.82
21	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	116	1.64	20.49	0.34	2.4 mg/dL	2.24	0.06

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 *****