



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2022



Lab Name ARTH DIAGNOSTICS PVT LTD

Lab No 13675

Constituent Group Chemistry I

Date of Result Entered : 17/02/2022

PT item Lyophilized Serum

Date of Report Published : 05/03/2022

1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	269	287.28	3.92	11.25	296.5 mg/dl	0.82	1.37
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	275	27.12	6.52	1.77	28.4 mg/dl	0.72	0.21
3	CREATININE	Enzymatic Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	30	1.10	9.62	0.11	1.15 mg/dl	0.47	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	266	4.78	5.13	0.24	4.96 mg/dl	0.73	0.03
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	276	5.09	3.38	0.17	5.13 g/dl	0.23	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	266	3.38	4.29	0.14	3.55 g/dl	1.17	0.02
7	CALCIUM	5-Nitro-5-methyl-BAPTA	Roche C111, C311, Integra 400 plus, C501, C502, C702	219	10.78	3.02	0.33	11.47 mg/dl	2.12	0.04
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	210	6.14	3.96	0.24	5.99 mg/dl	-0.62	0.03
9	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	266	3.79	4.38	0.17	3.7 mg/dl	-0.54	0.02
10	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	111.05	4.49	4.99	107.7 mg/dl	-0.67	0.59
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	253	114.62	5.46	6.26	123.3 mg/dl	1.39	0.79
12	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	23.86	4.68	1.12	25.4 mg/dl	1.38	0.14
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	824	133.88	3.20	4.28	137 mmol/L	0.73	0.30
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	828	4.71	5.58	0.26	5.2 mmol/L	1.86	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	655	99.62	4.06	4.04	105 mmol/L	1.33	0.32
16	AST	UV kinetic (with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	233	133.31	5.27	7.02	130 U/L	-0.47	0.92
17	ALT	UV kinetic (with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	231	77.50	6.56	5.08	80.4 U/L	0.57	0.67
18	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	270	66.72	7.74	5.17	68 U/L	0.25	0.63
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	148	112.58	4.29	4.83	110 U/L	-0.53	0.79
20	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	114	116.98	6.96	8.15	134.05 ug/dl	2.10	1.53

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 *****