



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name MEDQUEST HELTHCARE

Lab No 15856

Constituent Group Chemistry I

Date of Result Entered : 20/03/2022

PT Item Lyophilized Serum

Date of Report Published : 06/04/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	180	111.73	6.52	7.28	110 mg/dL	-0.24	1.09
2	UREA	Urease UV / GLDH	Mindray	197	83.53	6.93	5.79	93 mg/dL	1.64	0.83
3	CREATININE	Enzymatic Colorimetric	Mindray	56	4.28	8.32	0.36	4.5 mg/dL	0.62	0.10
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	167	1.50	11.13	0.17	1.2 mg/dL	-1.80	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	210	5.00	6.52	0.33	5 g/dL	0.00	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	205	3.15	8.42	0.26	3.1 g/dL	-0.19	0.04
7	CALCIUM	Arsenazo III	Mindray	165	8.72	7.89	0.69	8 mg/dL	-1.05	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	208	7.82	7.29	0.57	7.8 mg/dL	-0.04	0.08
9	CHOLESTEROL	CHOD-PAP	Mindray	216	104.92	6.67	7.00	105 mg/dL	0.01	0.95
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	201	209.14	7.11	14.86	207 mg/dL	-0.14	2.10
11	HDL CHO	Direct method / Enzymatic colorimetric	Mindray	159	24.03	10.06	2.42	25 mg/dL	0.40	0.38
12	SODIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	134	126.27	4.29	5.42	124 mmol/L	-0.42	0.94
13	POTASSIUM	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	140	2.98	6.86	0.20	3.2 mmol/L	1.08	0.03
14	CHLORIDE	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	98	91.32	4.73	4.32	89 mmol/L	-0.54	0.87
15	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	178	238.86	8.13	19.43	277 U/L	1.96	2.91
16	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	171	165.25	12.14	20.05	172 U/L	0.34	3.07
17	ALP	PNP AMP kinetic	Mindray	123	208.84	14.58	30.44	223 U/L	0.47	5.49

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 :
 MEDQUEST HELTHCARE
 DOOR NO,25-2-134 ,134 (1) &134 (2), MAHIM COMPLEX, KANKANADY OLD ROAD , KANKANADY MANGALORE,
 KARNATAKA
 KARNATAKA575002

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Pamela Christudoss
 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 *****



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MONTHLY SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name MEDQUEST HELTHCARE
Constituent Group Thyroid Hormones & Cortisol
PT Item Lyophilized Serum

Lab No 15856
Date of Result Entered : 20/03/2022
Date of Report Published : 06/04/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	TOTAL THYROXIN	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	219	8.05	16.36	1.32	6 ug/dL	-1.56	0.18
2	TSH	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	273	21.93	15.65	3.43	18 uIU/mL	-1.15	0.42
3	TOTAL T3	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	216	169.39	12.88	21.82	203 ng/dL	1.54	2.97

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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MONTHLY SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name MEDQUEST HELTHCARE Lab No 15856
 Constituent Group HbA1c Date of Result Entered : 20/03/2022
 PT item Lyophilized Whole blood Date of Report Published : 06/04/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Any Analyser	89	6.84	9.66	0.66	5.9 %	-1.42	0.14

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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