



Medi Care Diagnostic Centre



Date : 14.08.2023

ROOT CAUSE ANALYSIS (cholesterol (SDI 4.01) & Triglycerides SDI-3.91)

RCA:

The Beyond 3.0 SDI of Cholesterol and Triglycerides were error happened due to contaminated the Reagent

CORRECTIVE AND PREVENTIVE ACTION (CAPA)

CAPA:

The Fault reagent was discarded and replaced the new reagent and recalibrated. Now the CMC IQC & July Eqas were within 1.00 SDI.

MDC


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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2023



PC-1024

Lab Name **MEDICARE DIAGNOSTIC CENTER** Lab No **15263**
 Constituent Group **Chemistry II** Date of Result Entered : **20/05/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **05/06/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	Biosystems	310	186.96	8.32	15.56	185 mg/dL	-0.13	1.77
2	UREA II	Others (Urease Berthelot / Ned Dye) II	Any Analyser (Automation / Semi Automation)	891	25.37	18.18	4.61	26.2 mg/dL	0.18	0.31
3	CREATININE II	Jaffes Kinetic-Alkaline Picrate II	Biosystems	236	6.66	12.14	0.81	5.9 mg/dL	-0.94	0.11
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Biosystems	230	2.39	15.66	0.37	2.8 mg/dL	1.10	0.05
5	T-PROTEIN II	Biuret - Colorimetric II	Biosystems	278	5.78	9.57	0.55	6.8 g/dL	1.84	0.07
6	ALBUMIN II	BCG - Colorimetric II	Biosystems	268	3.38	9.52	0.32	3.8 g/dL	1.30	0.04
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Biosystems	260	6.94	11.17	0.78	7.3 mg/dL	0.46	0.10
8	CHOLESTROL II	CHOD-PAP II	Biosystems	289	121.21	9.83	11.91	169 mg/dL	4.01	1.40
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Biosystems	268	132.35	11.45	15.15	191.6 mg/dL	3.91	1.85

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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 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 *****