



Medi Care Diagnostic Centre



Date : 14.08.2023

ROOT CAUSE ANALYSIS (Albumin SDI 3.45)

RCA:

The Beyond 3.0 SDI of Albumin was error happened due to contaminated the Reagent

CORRECTIVE AND PREVENTIVE ACTION (CAPA)

CAPA:

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


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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2023



PC-1024

Lab Name **MEDICARE DIAGNOSTIC CENTER** Lab No **15263**
 Constituent Group **Chemistry II** Date of Result Entered : **20/04/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **06/05/2023**

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	295	148.69	8.33	12.39	139 mg/dL	-0.78	1.44
2	UREA II	Others (Urease Berthelot / Ned Dye) II	Any Analyser (Automation / Semi Automation)	913	39.41	13.59	5.35	52.1 mg/dL	2.37	0.35
3	CREATININE II	Jaffes Kinetic-Alkaline Picrate II	Biosystems	232	2.81	11.25	0.32	2.77 mg/dL	-0.13	0.04
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Biosystems	235	3.21	14.02	0.45	3.21 mg/dL	0.00	0.06
5	T-PROTEIN II	Biuret - Colorimetric II	Biosystems	265	5.74	8.27	0.48	6.5 g/dL	1.60	0.06
6	ALBUMIN II	BCG - Colorimetric II	Biosystems	253	3.33	9.36	0.31	4.4 g/dL	3.45	0.04
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Biosystems	252	6.08	12.80	0.78	4.85 mg/dL	-1.58	0.10
8	CHOLESTROL II	CHOD-PAP II	Biosystems	270	121.38	8.81	10.70	127 mg/dL	0.53	1.30
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Biosystems	240	109.44	11.69	12.79	98.5 mg/dL	-0.86	1.65

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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 Dr. Pamela Christudoss
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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 *****