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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

Lab Name	REGIONAL AYURVEDA RESEARCH INSTITUTE	Lab No	19441
Constituent Group	Chemistry II	Date of Result Entered :	13/02/2024
PT item	Lyophilized human serum based	Date of Report Published :	05/03/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE II	GOD-POD II	Agape	558	96.83	8.05	7.80	83.09 mg/dL	-1.76	0.66
2	UREA II	Urease UV / GLDH II	Agape	464	25.23	11.86	2.99	35.88 mg/dL	3.56	0.28
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	786	2.21	12.81	0.28	1.3 mg/dL	-3.22	0.02
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Agape	430	1.73	15.43	0.27	1.4 mg/dL	-1.24	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Agape	387	5.90	7.63	0.45	6.4 g/dL	1.11	0.05
6	ALBUMIN II	BCG - Colorimetric II	Agape	379	3.60	8.53	0.31	2.9 g/dL	-2.28	0.03
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Agape	508	5.22	15.20	0.79	5.01 mg/dL	-0.26	0.07
8	CHOLESTROL II	CHOD-PAP II	Agape	569	123.75	10.61	13.13	111 mg/dL	-0.97	1.10
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Agape	445	159.18	10.47	16.66	115 mg/dL	-2.65	1.58

u* - Method of Uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (action Signal)

LAB ADDRESS :

REGIONAL AYURVEDA RESEARCH INSTITUTE
AGAMKUAN
PATNA
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Coordinator Contact Details:
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Handwritten signature: 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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CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name	REGIONAL AYURVEDA RESEARCH INSTITUTE	Lab No	19441
Constituent Group	Chemistry II	Date of Result Entered :	09/01/2024
PT item	Lyophilized human serum based	Date of Report Published :	06/02/2024

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	Agape	537	152.48	7.66	11.68	220.41 mg/dL	5.82	1.01
2	UREA II	Urease UV / GLDH II	Agape	460	46.84	10.09	4.73	55.24 mg/dL	1.78	0.44
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	714	1.62	12.53	0.20	1.56 mg/dL	-0.30	0.02
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Agape	395	3.45	12.18	0.42	3.17 mg/dL	-0.67	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	Agape	346	4.98	8.61	0.43	4.65 g/dL	-0.77	0.05
6	ALBUMIN II	BCG - Colorimetric II	Agape	363	3.12	9.38	0.29	2.29 g/dL	-2.83	0.03
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Agape	452	7.90	8.75	0.69	8.36 mg/dL	0.67	0.07
8	CHOLESTROL II	CHOD-PAP II	Agape	487	101.73	10.28	10.46	84.31 mg/dL	-1.67	0.95
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Agape	381	143.06	9.03	12.92	63.21 mg/dL	-6.18	1.32

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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Dr. Pamela Christudoss
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