



External Quality Assurance Scheme - First Monthly Summary

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - AUGUST 2023

Aug-2023



P. Pamela Christudoss
MEDICAL OFFICER,
GOVT. URBAN PRIMARY
HEALTH CENTRE,
TIRUVARUR.

08/08/2023 15:07

Lab Name
Constituent Group
PT Item
Govt. UPHC, Kodikalpalayam
Chemistry III
Lyophilized human serum based

Lab No: 10911
Date of Result Entered: 18/08/2023
Date of Report Published: 01/09/2023

Test Name	Method	Instrument	CV (%)	CV (%)	CV (%)	CV (%)	CV (%)	CV (%)	CV (%)
GLUCOSE III	GOD-POD III	Robonik (Semi automatic / Fully Automatic)	1841	175.58	5.13	9.00	176 mg/dL	0.05	0.42
UREA III	Urease UV / GLDH III	Robonik (Semi automatic / Fully Automatic)	174	28.29	15.20	4.30	24.6 mg/dL	-0.86	0.65
CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik (Semi automatic / Fully Automatic)	1852	1.76	6.77	0.12	1.76 mg/dL	0.00	0.01
CHOLESTROL III	CHOD-PAP III	Robonik (Semi automatic / Fully Automatic)	1764	113.80	4.07	4.64	112.89 mg/dL	-0.20	0.22

SDI Range	Interpretation
0 to +1.00	Excellent.
+1 to ±2.00	Good.
+2 to ±2.99	Accept with caution. Warning Signal.
> ±2.99	Unacceptable performance. Action Signal.

Kodikalpalayam
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Kodikalpalayam

Coordinator Contact Details:
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Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore



External Quality Assurance Scheme - First Monthly Summary

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JULY 2023



Lab Name

Govt. UPHC, Kodikalpalayam

Constituent Group

Chemistry III

PT Item

Lyophilized human serum based

Lab No

10911

Date of Result Entered :

19/07/2023

Date of Report Published :

07/08/2023

Sl. No.	Parameter	Method / Principle	Analyzer / System	No. of Samples	CV	CV	CV	CV	CV	CV
1	GLUCOSE III	GOD-POD III	Robonik (Semi automatic / Fully Automatic)	1876	109.35	5.55	6.07	114 mg/dL	0.77	0.28
2	UREA III	Urease UV / GLDH III	Robonik (Semi automatic / Fully Automatic)	184	51.41	11.14	5.73	53.6 mg/dL	0.38	0.84
3	CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik (Semi automatic / Fully Automatic)	1850	5.83	6.00	0.35	6.1 mg/dL	0.77	0.02
4	CHOLESTROL III	CHOD-PAP III	Robonik (Semi automatic / Fully Automatic)	1776	113.00	4.12	4.66	118 mg/dL	1.07	0.22
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

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JUNE 2023



Lab Name: Govt. UPHC, Kodikalpalayam
Constituent Group: Chemistry III
PT Item: Lyophilized human serum based

Lab No: 10911
Date of Result Entered: 20/06/2023
Date of Report Published: 04/07/2023

Sl. No.	Analyte	Method	Instrument	No. of Participants		Participants		Target	SDI	CV
				CV	SN	CV	SN			
1	GLUCOSE III	GOD-POD III	Robonik (Semi automatic / Fully Automatic)	1823	286.63	5.17	14.82	298 mg/dL	0.77	0.69
2	UREA III	Urease UV / GLDH III	Robonik (Semi automatic / Fully Automatic)	192	32.69	12.96	4.24	32.1 mg/dL	-0.14	0.6
3	CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik (Semi automatic / Fully Automatic)	1848	2.57	6.64	0.17	2.6 mg/dL	0.18	0.0
4	CHOLESTROL III	CHOD-PAP III	Robonik (Semi automatic / Fully Automatic)	1804	113.73	4.46	5.07	111.8 mg/dL	-0.38	0.

SDI Range	Interpretation
thin -1.00 to +1.00	Excellent.
thin ±1.01 to ±2.00	Good.
thin ±2.01 to ±2.99	Accept with caution. Warning Signal.
thin and ±3.0	Unacceptable performance. Action Signal.

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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 *****

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MAY 2023



Lab Name: Govt. UPHC, Kodikalpalayam
Constituent Group: Chemistry III
PT item: Lyophilized human serum based

Lab No: 10911
Date of Result Entered: 19/05/2023
Date of Report Published: 05/06/2023

Sl. No.	Analyte	Method / Principle Name	Analyser Name	No. of Participants	CV	Homogeneity		Total Value	SD	SI
						CV	SD			
1	GLUCOSE III	GOD-POD III	Robonik (Semi automatic / Fully Automatic)	1834	180.88	5.19	9.39	169.56 mg/dL	-1.20	0.44
2	UREA III	Urease UV / GLDH III	Robonik (Semi automatic / Fully Automatic)	163	27.91	13.39	3.74	33.59 mg/dL	1.52	0.59
3	CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik (Semi automatic / Fully Automatic)	1854	1.76	7.48	0.13	1.68 mg/dL	-0.61	0.01
4	CHOLESTROL III	CHOD-PAP III	Robonik (Semi automatic / Fully Automatic)	1798	114.60	5.08	5.83	116.89 mg/dL	0.39	0.27

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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***** End of Report *****

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - APRIL 2023



Lab Name: Govt. UPHC, Kodikalpalayam
Constituent Group: Chemistry III
PT item: Lyophilized human serum based

Lab No: 10911
Date of Result Entered: 17/04/2023
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 III	GOD-POD III	Robonik (Semi automatic / Fully Automatic)	1832	119.45	6.04	7.21	124.32 mg/dL	0.68	0.34
2	UREA III	Urease UV / GLDH III	Robonik (Semi automatic / Fully Automatic)	169	42.32	10.68	4.52	48 mg/dL	1.26	0.70
3	CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik (Semi automatic / Fully Automatic)	1820	2.16	8.09	0.18	2.09 mg/dL	-0.40	0.01
4	CHOLESTROL III	CHOD-PAP III	Robonik (Semi automatic / Fully Automatic)	1750	111.61	5.19	5.79	113.98 mg/dL	0.41	0.28

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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Homogeneity and Stability of the sample is passed.
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***** End of Report *****

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2023



PC-1024

Lab Name	Govt. UPHC, Kodikalpalayam	Lab No	10911
Constituent Group	Chemistry III	Date of Result Entered :	19/03/2023
PT item	Lyophilized human serum based	Date of Report Published :	04/04/2023

I.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE III	GOD-POD III	Robonik (Semi automatic / Fully Automatic)	1878	91.48	7.46	6.82	101 mg/dL	1.40	0.31
	UREA III	Urease UV / GLDH III	Robonik (Semi automatic / Fully Automatic)	175	55.20	11.70	6.46	32 mg/dL	-3.59	0.98
	CREATININE III	Jaffes Kinetic - Alkaline Picrate III	Robonik (Semi automatic / Fully Automatic)	1851	1.33	9.08	0.12	1.4 mg/dL	0.58	0.01
	CHOLESTROL III	CHOD-PAP III	Robonik (Semi automatic / Fully Automatic)	1761	110.93	5.23	5.80	115 mg/dL	0.70	0.28

SDI Range	Interpretation
-1.00 to +1.00	Excellent.
±1.01 to ±2.00	Good.
2.01 to ±2.99	Accept with caution. Warning Signal.
±3.0	Unacceptable performance. Action Signal.

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 ***** End of Report *****

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