



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2023



Lab Name	GOOD DAY'S DIAGNOSTIC CENTRE
Constituent Group	Chemistry II
PT Item	Lyophilized human serum based

Date of Result Entered :	20/11/2023
Date of Report Published :	05/12/2023

SL No	Analysis	Method / Principle Name	Analyser Name	No of Participants	IV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1554	238.88	9.59	22.91	236 mg/dL	-0.13	1.15
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1098	67.14	11.47	7.70	74.5 mg/dL	0.96	0.46
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	818	4.38	12.61	0.55	5 mg/dL	1.12	0.04
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1211	1.15	23.45	0.27	0.76 mg/dL	-1.45	0.02
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1305	4.77	13.33	0.64	3 g/dL	-2.78	0.04
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1267	2.90	11.42	0.33	2.95 g/dL	0.15	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1323	8.13	12.01	0.98	8.3 mg/dL	0.17	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1480	98.77	11.12	10.98	96 mg/dL	-0.25	0.57
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1379	88.73	18.66	16.56	54.8 mg/dL	-2.05	0.89
SDI Range			Interpretation							
Within -1.00 to +1.00			Excellent.							
Within $\pm 1.01$ to $\pm 2.00$			Good.							
Within $\pm 2.01$ to $\pm 2.99$			Accept with caution. Warning Signal.							
Beyond $\pm 3.0$			Unacceptable performance. Action Signal.							

LAB ADDRESS :  
 GOOD DAY'S DIAGNOSTIC CENTRE  
 FARMSIDE ROAD, KODALIA G.P, CHINSURAH  
 HOOGHLY

# GOODDAYS DIAGNOSTIC CENTRE

Root cause analysis of outlier parameter for EQAS performance

Format No: GDC/FM/85

Lab no. 16397

Sample No: 12

## Chemistry -II

Points to be analysis	Check point by lab ( Please <input checked="" type="checkbox"/> )			Remarks
	Yes /Follow	NO/NOT Follow ( If NO/NOT Follow Remarks Is required )	N/A	

### A ) POINTS TO BE CHECKED BEFORE EQAS SAMPLE RUN

#### PRE-ANALYTICAL

Try to perform the tests as early as possible from the date of receipt of EQA samples.

*Followed*

The lyophilized / stabilized samples should be stored in a refrigerator (2-8°C) until testing. Do not freeze the lyophilized samples

All EQAS samples must be treated in the same manner as a routine patient specimen

*Followed*

Most programs provide lyophilized / stabilized samples. Follow instructions carefully about the reconstitution and preparation of sample. If exact volume of water is not used for reconstitution, the resulting sample may be more dilute or concentrated. Use of a calibrated volumetric pipette is recommended.

*Followed*

Mix gently to avoid frothing. After reconstitution, the sample should be kept at room temperature for the prescribed period of time.

*Followed*

The testing should be performed within the recommended period of time after reconstitution. If samples have been reconstituted and left for long periods of time at room temperature, refrigerated or frozen and thawed, the results will become unreliable.

*Followed*

#### Analytical

The procedure for testing must be identical to that for all the patient samples. No additional precautions should be performed prior to testing EQA materials except at the preparatory stage. This is because the test is being done to determine the quality of routine procedures being followed in the laboratory (as being followed for any random patient sample). For instance if the laboratory repeats the test on the EQA sample whereas routine patients are tested only once then the purpose of participation in EQAS is defeated.

*Followed*

Issue No. 01	Issue Date: 06.12.2023	Prepared & Issued By: <i>Lipika Goswami</i>	Copy No.	Page 1 of 4
Rev. No.: 00	Rev. Date: Nil		Approved By: <i>APM</i>	

# GOODDAYS DIAGNOSTIC CENTRE

Root cause analysis of outlier parameter for EQAS performance

Format No: GDC/FM/85

Lab no. 16397

Sample No: 12

## Chemistry -II

Points to be analysis	Check point by lab ( Please ✓)			Remarks
	Yes /Follow	NO/NOT Follow ( If NO/NOT Follow Remarks is required )	N/A	
The laboratory using any form of automation should not perform non-routine quality / maintenance procedures on the analyzer prior to testing the EQA material.			✓	

The laboratory that performs manual testing, it is preferable that the same analyst who carries out the routine testing also performs the proficiency test. If this is not done, then the laboratory will fail to get a true reflection of its practices related to patient specimens.		✓	
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### POST ANALYTICAL

The reporting of EQA results should be in the same manner as used for reporting patient results. Some of the routine laboratory methods of reporting such as reviewing patient's prior results may not apply in these situations.	followed		
Precautions must be taken to ensure that there are no transcription errors.	followed		
Reconstituted EQA samples should not be stored for future testing as they tend to deteriorate and will not provide accurate results.	followed		
Lyophilized samples if available may be stored in a refrigerator for up to one year. Prior to use check for the presence of liquid in the vial or discoloration of the pellet. These are indicators of deterioration. Do not freeze lyophilized specimens.	followed		

### B) A SIMPLE APPROACH WOULD BE TO CLASSIFY THE PROBLEM

Clerical error		do not	
Transcription error (may be pre- or post-analytical factors).		No such error occurred	
Situations where wrong method has been registered for analysis or method change not updated.		✓	
<b>Methodological problem</b>			
Instrument function checks (e.g., temperatures, blank readings, pressures) not performed as necessary, or results not within acceptable range.	checked		
Scheduled instrument maintenance not performed appropriately		✓	
Incorrect instrument calibration.		✓	
Standards or reagents improperly reconstituted and stored, or inadvertently used beyond expiration date.		✓	
Instrument probes misaligned.		✓	
Problem with instrument data processing functions. The laboratory may need to contact the manufacturer to evaluate such problems.		✓	

Issue No. 01	Issue Date: 06.12.2023	Prepared & Issued By:	Copy No.	Page 2 of 4
Rev. No.: 00	Rev. Date: Nil	Lapley Gordon:	Approved By: 14/07	

# GOODDAYS DIAGNOSTIC CENTRE

Root cause analysis of outlier parameter for EQAS performance

Format No: GDC/FM/85

Lab no. 16397

Sample No: 12

## Chemistry -II

Points to be analysis	Check point by lab ( Please ✓)			Remarks
	Yes /Follow	NO/NOT Follow ( If NO/NOT Follow Remarks is required )	N/A	
Problem in manufacture of reagents / standards, or with instrument settings specified by manufacturer		Reagent checked		
Carry-over from previous specimen		NO		
Automatic pipette not calibrated to acceptable precision and accuracy.		calibrated QC run properly		
Imprecision from result being close to detection limit of method.		NO		
Instrument problem not detected by quality control:		QC run properly		
<ul style="list-style-type: none"> <li>QC material not run within expiration date, or improperly stored</li> <li>QC material not run at relevant analyte concentration</li> </ul>				
Result not within reportable range (linearity) for instrument / reagent system.		Result verified		
Obstruction of instrument tubing / orifice by clot or protein		NO		
Incorrect incubation times.		NO		
<b>Technical problem</b>				
EQA material improperly reconstituted.		NO		
Testing delayed after reconstitution of EQA material (with problem from evaporation or deterioration).		NO		
Sample not placed in proper order on instrument.	Followed			
Result released despite unacceptable QC data.		NO		
QC data within acceptable limits but showed trend suggestive of problem with the assay.		checked & verified		
Inappropriate quality control limits / rules. If the acceptable QC range is too wide, the probability increases that a result will fall within the acceptable QC range yet exceed acceptable limits for EQA.			✓	
Manual pipetting / diluting performed inaccurately, at an incorrect temperature or with incorrect diluents.			✓	
Calculation error or result reported using too few significant digits			✓	
Secondary specimen tubes incorrectly labeled.			✓	
In addition to above discipline specific errors may also occur.			✓	

Issue No. 01	Issue Date: 06.12.2023	Prepared & Issued By: <i>Lipw Gorrami</i>	Copy No.	Page 3 of 4
Rev. No.: 00	Rev. Date: Nil		Approved By: <i>A. An</i>	

# GOODDAYS DIAGNOSTIC CENTRE

Root cause analysis of outlier parameter for EQAS performance

Format No: GDC/FM/85

Lab no. 16397

Sample No: 12

## Chemistry -II

Points to be analysis	Check point by lab ( Please ✓ )			Remarks
	Yes /Follow	NO/NOT Follow ( If NO/NOT Follow Remarks is required )	N/A	

### Problem with proficiency testing materials

Matrix effects: The performance of some instrument / method combinations may be affected by the matrix of the PT sample. This can be overcome to some extent by assessing participants in peer groups – to be done by the PT provider.

Non-homogenous test material due to variability infill volumes, inadequate mixing, or inconsistent heating of lyophilized specimens.

Non-viable samples for microbiology PT program

Haemolysis on an immune-haematology program samples.

### Problem with evaluation of results by the PT provider

Peer group not appropriate

Inappropriate target value: Target values developed from participant consensus can be inappropriate from non-homogeneous testing material or lingering ("masked") outliers. However, occasional inappropriate target values occur in every PT program.

Inappropriate evaluation interval: An evaluation interval may be inappropriately narrow e.g. if  $\pm 2$  standard deviation units are used with an extremely precise method, the acceptable range may be much narrower than needed for clinical usefulness

Incorrect data entry by PT provider

### No explanation after investigation

All identifiable sources of error have been excluded, a single unacceptable result may be attributed to random error, particularly when the result of repeat analysis is acceptable. In such cases, no corrective action should be taken; as such an action may actually increase the probability of a future unacceptable result.

The parameter Total Protein and Triglyceride are outliers but after RCA it was found to be some random outlier, lab has tried to rerun the sample but it was not sufficient for re-run.

### Conclusion and proposed action

Lab has tried to re-run the sample for the EQAS parameters, Total Protein and Triglyceride so Lab has decided to follow it up in the next cycle.

Checked By:

Date : 06.12.2023

Reviewed By

Corrective Action

Lab will follow it up in the next cycle as the sample was insufficient for rerun.

Done By

Date 06.12.2023

Issue No. 01

Issue Date: 06.12.2023

Prepared & Issued By:

Copy No.

Page 4 of 4

Rev. No.: 00

Rev. Date: Nil

Lipika Goenai

Approved By:

APM



## CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **GOOD DAY'S DIAGNOSTIC CENTRE**Constituent Group **Chemistry II**PT item **Lyophilized human serum based**Lab No **16397**Date of Result Entered : **20/10/2023**Date of Report Published : **04/11/2023**

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	Any Analyser (Automation / Semi Automation )	1673	129.03	9.72	12.54	159 mg/dL	2.39	0.61
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation )	1043	86.31	11.17	9.64	86.3 mg/dL	0.00	0.60
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	812	7.19	14.05	1.01	9.06 mg/dL	1.85	0.07
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation )	1325	8.35	11.84	0.99	8.19 mg/dL	-0.16	0.05
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation )	1282	5.47	10.35	0.57	5.7 g/dL	0.41	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation )	1253	3.29	9.69	0.32	3.23 g/dL	-0.19	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation )	1268	5.07	16.36	0.83	4.8 mg/dL	-0.33	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation )	1485	109.78	11.30	12.40	97 mg/dL	-1.03	0.64
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation )	1243	104.67	16.11	16.86	77.8 mg/dL	-1.59	0.96

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 :  
GOOD DAY'S DIAGNOSTIC CENTRE  
FARMSIDE ROAD, KODALIA G.P, CHINSURAH  
HOOGHLY



**CHRISTIAN MEDICAL COLLEGE**  
**DEPARTMENT OF CLINICAL BIOCHEMISTRY**  
**CMC EXTERNAL QUALITY ASSURANCE SCHEME**  
**MONTHLY SUMMARY REPORT - SEPTEMBER 2023**

PC-1024

Lab Name	GOOD DAY'S DIAGNOSTIC CENTRE	Lab No	16397
Constituent Group	Chemistry II	Date of Result Entered :	20/09/2023
PT Item	Lyophilized human serum based	Date of Report Published :	05/10/2023

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	Any Analyser (Automation / Semi Automation )	1697	333.34	11.48	38.25	365.9 mg/dL	0.85	1.86
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation )	1143	38.62	12.79	4.94	37 mg/dL	-0.33	0.29
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation )	813	1.18	14.43	0.17	1.11 mg/dL	-0.41	0.01
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation )	1395	5.18	15.03	0.78	5.07 mg/dL	-0.14	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation )	1299	5.64	10.51	0.59	5.8 g/dL	0.27	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation )	1246	3.31	9.55	0.32	3.32 g/dL	0.03	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation )	1315	9.82	13.19	1.30	11.3 mg/dL	1.14	0.07
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation )	1501	119.45	10.95	13.08	117 mg/dL	-0.19	0.67
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation )	1333	201.48	11.49	23.15	197.5 mg/dL	-0.17	1.27
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.							

## LAB ADDRESS :

GOOD DAY'S DIAGNOSTIC CENTRE  
FARMSIDE ROAD, KODALIA G.P, CHINSURAH  
HOOGHLY  
WEST BENGAL 712102

Coordinator Contact Details:  
Email: clinqc@cmcvellore.ac.in  
Contact Number: 0416-2283102

Dr. Pamela Christodoss  
CMC EQAS Coordinator  
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

10/7/23, 2:09 PM

External Quality Assurance Scheme - Print Monthly Summary



PG 1024

**CHRISTIAN MEDICAL COLLEGE**

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - AUGUST 2023

Lab Name	GOOD DAY'S DIAGNOSTIC CENTRE	Lab No	16397
Constituent Group	Chemistry II	Date of Result Entered :	19/08/2023
PT item	Lyophilized human serum based	Date of Report Published :	01/09/2023

S.No	Test	Analyser	Method / Principle Name	Analyzer Name	No. of Participants	CV		Participants		Year Value		SDI	
						%	CV	%	SD	%	SD	%	SD
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation )	1614	179.75	10.04	18.05	187 mg/dL	0.40	0.90			
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation )	986	22.83	14.72	3.36	28.7 mg/dL	1.75	0.21			
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation )	786	6.26	13.54	0.85	7.4 mg/dL	1.34	0.06			
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation )	1330	2.21	19.85	0.44	2.02 mg/dL	-0.43	0.02			
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation )	1298	5.71	10.24	0.58	6 g/dL	0.60	0.03			
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation )	1236	3.41	9.09	0.31	3.44 g/dL	0.10	0.02			
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation )	1383	6.64	13.75	0.91	6.6 mg/dL	0.18	0.05			
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation )	1501	121.44	9.98	12.12	123 mg/dL	0.13	0.63			
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation )	1321	134.70	12.22	16.46	117 mg/dL	-1.08	0.91			

  

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 :

GOOD DAY'S DIAGNOSTIC CENTRE  
FARMSIDE ROAD, KODALIA G.P, CHINSURAH  
HOOGHLY  
WEST BENGAL 712102

Coordinator Contact Details:  
Email: clinqc@cmcvellore.ac.in  
Contact Number: 0416-2283102

Pamela Christudas  
Dr. Pamela Christudas  
CMC EQAS Coordinator  
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

[https://home.cmcvellore.ac.in/clinqc/ViewMonthlySummary/printResult\\_new.aspx?resDetId=268&noSamples=1&month=8&year=2023&groupId=7&ye](https://home.cmcvellore.ac.in/clinqc/ViewMonthlySummary/printResult_new.aspx?resDetId=268&noSamples=1&month=8&year=2023&groupId=7&ye)

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# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2023

PC-1024

Lab Name	GOOD DAY'S DIAGNOSTIC CENTRE	Lab No	16397
Constituent Group	Chemistry II	Date of Result Entered :	20/07/2023
PT Item	Lyophilized human serum based	Date of Report Published :	07/08/2023

S/N	Analyte	Method / Principle Name	Analyzer Name	No. of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation )	1579	99.40	10.09	10.03	120 mg/dL	2.05	0.50
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation )	1018	133.93	13.17	17.63	146 mg/dL	0.68	1.11
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation )	816	2.33	12.82	0.30	2.7 mg/dL	1.24	0.02
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation )	1399	3.16	18.49	0.58	3.02 mg/dL	-0.24	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation )	1311	6.03	10.34	0.62	6.6 g/dL	0.91	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation )	1273	3.57	10.15	0.36	3.5 g/dL	-0.19	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation )	1443	6.23	17.55	1.09	7.1 mg/dL	0.80	0.06
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation )	1620	129.78	11.76	15.26	127 mg/dL	-0.18	0.76
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation )	1376	121.86	15.59	18.99	100 mg/dL	-1.15	1.02

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

LAB ADDRESS :

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*Pamela Christudoss*

Coordinator Contact Details:  
Email: clinqc@cmcvellore.ac.in  
Contact Number: 0416-2283102

*Dr. Pamela Christudoss*  
CMC EQAS Coordinator  
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.



**CHRISTIAN MEDICAL COLLEGE**  
**DEPARTMENT OF CLINICAL BIOCHEMISTRY**  
**CMC EXTERNAL QUALITY ASSURANCE SCHEME**  
**MONTHLY SUMMARY REPORT - JUNE 2023**



Lab Name	GOOD DAY'S DIAGNOSTIC CENTRE	Lab No	16397
Constituent Group	Chemistry II	Date of Result Entered :	20/06/2023
PT item	Lyophilized human serum based	Date of Report Published :	04/07/2023

S/N	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation )	1526	266.99	9.70	25.91	295 mg/dL	1.08	1.33
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation )	1025	47.23	11.49	5.42	52 mg/dL	0.88	0.34
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation )	757	1.03	14.95	0.15	1.03 mg/dL	0.00	0.01
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation )	1337	4.71	15.27	0.72	4.82 mg/dL	0.15	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation )	1248	5.94	9.76	0.58	6.03 g/dL	0.16	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation )	1229	3.50	9.29	0.32	3.66 g/dL	0.49	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation )	1129	4.67	17.89	0.84	4.3 mg/dL	-0.44	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation )	1590	128.46	11.58	14.88	124 mg/dL	-0.30	0.75
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation )	1346	160.03	14.05	22.49	141 mg/dL	-0.85	1.23

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

## LAB ADDRESS :

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WEST BENGAL 712102

*Pamela Christodoss*

Dr. Pamela Christodoss  
CMC EQAS Coordinator  
Christian Medical College, Vellore

Coordinator Contact Details:  
Email: clinqc@cmcvvellore.ac.in  
Contact Number: 0416-2283102

Homogeneity and Stability of the sample is passed.