



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **DR.G.S GILL OXFORD HOSPITAL PVT. LTD**

Lab No **5937**

Constituent Group **Chemistry II**

Date of Result Entered : **16/06/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **04/07/2023**

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)	1526	266.99	9.70	25.91	252.71 mg/dL	-0.55	1.33
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1025	47.23	11.49	5.42	46.5 mg/dL	-0.13	0.34
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	757	1.03	14.95	0.15	1.17 mg/dL	0.91	0.01
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1337	4.71	15.27	0.72	4.43 mg/dL	-0.39	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1248	5.94	9.76	0.58	5.93 g/dL	-0.02	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1229	3.50	9.29	0.32	3.98 g/dL	1.48	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1129	4.67	17.89	0.84	2.7 mg/dL	-2.35	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1590	128.46	11.58	14.88	144.8 mg/dL	1.10	0.75
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1346	160.03	14.05	22.49	169.3 mg/dL	0.41	1.23

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 :  
DR.G.S GILL OXFORD HOSPITAL PVT. LTD  
305 LAJPAT NAGAR, BHAGVAN MAHAVIR MARG, NEAR NAKODAR CHOWK  
JALANDHAR  
PUNJAB144001

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

*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 \*\*\*\*\*



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **DR.G.S GILL OXFORD HOSPITAL PVT. LTD** Lab No **5937**  
 Constituent Group **Chemistry II** Date of Result Entered : **19/05/2023**  
 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	Any Analyser (Automation / Semi Automation)	1709	184.53	10.03	18.52	203.1 mg/dL	1.00	0.90
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1073	23.36	18.33	4.28	85 mg/dL	14.4	0.26
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	774	6.24	13.80	0.86	5.7 mg/dL	-0.63	0.06
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1404	2.25	19.00	0.43	4.14 mg/dL	4.4	0.02
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1317	5.73	10.10	0.58	4.57 g/dL	-2.00	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1266	3.40	9.56	0.32	4.74 g/dL	4.12	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1420	6.73	13.62	0.92	7.07 mg/dL	0.37	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1617	122.39	10.60	12.97	156.6 mg/dL	2.64	0.65
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1411	133.22	13.93	18.56	112.1 mg/dL	-1.14	0.99

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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 JALANDHAR  
 PUNJAB144001

Coordinator Contact Details:  
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 Contact Number: 0416-2283102

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

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



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **DR.G.S GILL OXFORD HOSPITAL PVT. LTD** Lab No **5937**  
 Constituent Group **Chemistry II** Date of Result Entered : **19/04/2023**  
 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	Any Analyser (Automation / Semi Automation)	1554	147.27	9.39	13.82	135.9 mg/dL	-0.82	0.70
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1030	38.12	12.14	4.63	38.46 mg/dL	0.07	0.29
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	768	2.63	12.42	0.33	2.36 mg/dL	-0.83	0.02
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1187	3.01	15.54	0.47	3.61 mg/dL	1.28	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1230	5.67	9.87	0.56	7.1 g/dL	2.55	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1167	3.41	9.21	0.31	5.18 g/dL	5.71	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1297	5.74	16.22	0.93	4.83 mg/dL	-0.98	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1424	120.86	10.05	12.14	197.65 mg/dL	6.33	0.64
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1210	109.45	13.72	15.01	88.36 mg/dL	-1.40	0.86

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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# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **DR.G.S GILL OXFORD HOSPITAL PVT. LTD**

Lab No **5937**

Constituent Group **Chemistry II**

Date of Result Entered : **17/02/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **08/03/2023**

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)	1433	118.28	8.87	10.49	129.5 mg/dL	1.07	0.55
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	908	124.78	11.93	14.88	125.5 mg/dL	0.05	0.99
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	714	4.49	12.88	0.58	4 mg/dL	-0.85	0.04
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1038	1.59	18.03	0.29	1.2 mg/dL	-1.36	0.02
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1046	4.85	10.14	0.49	4.9 g/dL	0.10	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1126	2.95	11.21	0.33	3.4 g/dL	1.36	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1220	7.22	12.28	0.89	4.9 mg/dL	-2.61	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1405	101.48	12.06	12.24	84.8 mg/dL	-1.36	0.65
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1184	92.72	16.26	15.08	101 mg/dL	0.55	0.88

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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# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **DR.G.S GILL OXFORD HOSPITAL PVT. LTD**

Lab No **5937**

Constituent Group **Chemistry II**

Date of Result Entered : **18/01/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **09/02/2023**

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)	1432	167.16	9.90	16.54	165 mg/dL	-0.13	0.87
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	941	31.88	13.62	4.34	31 mg/dL	-0.20	0.28
3	CREATININE II	Jaffes End point II	Any Analyser (Automation / Semi Automation)	694	1.38	11.78	0.16	1.6 mg/dL	1.35	0.01
4	T.BILIRUBIN II	Diazonium Salt ( Colorimetric ) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1142	3.23	17.33	0.56	3.76 mg/dL	0.95	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1107	5.53	10.62	0.59	5.34 g/dL	-0.32	0.04
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1074	3.30	9.90	0.33	3.2 g/dL	-0.31	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1161	5.11	18.81	0.96	4.2 mg/dL	-0.95	0.06
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1243	114.53	10.88	12.46	87.1 mg/dL	-2.20	0.71
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1122	109.94	13.62	14.98	109 mg/dL	-0.06	0.89

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 \*\*\*\*\*

Date	Investigation	Root cause analysis	Corrective action	Preventive action
Aug-22	CBC for Hb and MCV (ESA) WBC count (TGA)	Calibration of Cell Counter	Called Engineer To Calibrate machine. Checked the result from different labs	Regularly Run Put Internal Counters
Nov-22	CBC for MCHC	Service of machine	Engineer came from Sinking The Cell Counter and checked all the parameters	Regular Sinking mandatorily
Feb-22	MCV (GPA)	Calibration Problem	Calibration done	QC will be kept under level.
Apr-23	Biochem T.TB & ALP not accurate	QC was not accurate/acceptable	QC return after third round of	
May-23	Biochem - BUN Bilirubin ALP SGOT S. Cholesterol Not Accurate	Technician error. New Test did the test without expenditure	New Technician advice not to run as do any test without the supervision of senior	Senior will verify the report.
Apr-23	Biochemistry ure acid	Reagent vials was not diluted properly	test done after proper dilution found ok	Team is free to shift by follow up for the same.