



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - AUGUST 2022



PC-1024

Lab Name Biochemistry Diagnostic Laboratory,
GMC Srinagar and Associated SMHS
Hospital

Lab No 14836

Constituent
Group Chemistry I

Date of Result Entered : 16/08/2022

PT item Lyophilized Serum

Date of Report Published : 05/09/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
✓ 1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	158	188.44	6.12	11.52	178 mg/dL	-0.91	1.83
✓ 2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	641	61.56	9.11	5.61	60 mg/dL	-0.28	0.44
✓ 3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	539	2.54	10.03	0.26	2.76 mg/dL	0.86	0.02
✓ 4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	660	3.72	14.76	0.55	4.1 mg/dL	0.69	0.04
✓ 5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	786	6.00	9.91	0.59	5.8 g/dL	-0.34	0.04
✓ 6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	751	3.53	8.21	0.29	3.4 g/dL	-0.45	0.02
✓ 7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	606	11.08	9.39	1.04	11.7 mg/dL	0.60	0.08
✓ 8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	360	5.09	12.15	0.62	4.5 mg/dL	-0.95	0.07
✓ 9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	708	5.29	17.90	0.95	4.78 mg/dL	-0.54	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	744	120.77	8.20	9.90	121 mg/dL	0.02	0.73
✓ 11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	489	28.38	14.99	4.25	33 mg/dL	1.09	0.38
✓ 12	SODIUM	ISE - Indirect	Any Analyser	589	139.61	2.97	4.14	146 mmol/L	1.54	0.34
✓ 13	POTASSIUM	ISE - Indirect	Any Analyser	599	4.57	5.66	0.26	4.9 mmol/L	1.27	0.02
✓ 14	CHLORIDE	ISE - Indirect	Any Analyser	453	102.85	4.17	4.29	101 mmol/L	-0.43	0.40
✓ 15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	603	64.03	12.31	7.88	62 U/L	-0.26	0.64
✓ 16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	619	47.23	17.37	8.20	52 U/L	0.58	0.66
✓ 17	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	254	139.29	17.40	24.23	89 U/L	-2.08	3.04
✓ 18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	448	46.28	17.91	8.29	52 U/L	0.69	0.78
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	115	96.22	11.80	11.35	96 ug/dL	-0.02	2.12

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20	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	149	2.65	16.46	0.44	2.81 mg/dL	0.37	0.07
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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 :

Biochemistry Diagnostic Laboratory, GMC Srinagar and Associated SMHS Hospital
 3rd Floor , F-Block, SMHS Hospital , KARAN NAGAR,
 SRINAGAR
 JAMMU & KASHMIR 190010

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 - AUGUST 2022



PC-1024

Lab Name Biochemistry Diagnostic Laboratory, GMC Srinagar and Associated SMHS Hospital

Lab No 14836

Constituent Group HbA1c

Date of Result Entered : 16/08/2022

PT item Lyophilized Whole blood

Date of Report Published : 05/09/2022

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	HbA1c	Enzymatic	Abbott	18	4.29	7.24	0.31	4.3 %	0.03	0.15

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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Pamela Christudoss

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

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VIEW LAB YEARLY SUMMARY

CHRISTIAN MEDICAL COLLEGE
 CMC EXTERNAL QUALITY ASSURANCE SCHEME
 2021 EQAS YEARLY SUMMARY

Yearly

The yearly summary is based on the overall mean SDI of every analyte. The groups are made depending upon the number of results received for every individual analyte. The rank is mentioned for every analyte with in the group. This modification in the yearly summary is done with the guidelines provided by NABL during the assessment for accreditation.

Group I : Laboratories who reported 10 to 12 months during 2021

Group II : Laboratories who reported 6 to 9 months during 2021

Group III : Laboratories who reported less than 6 months during 2021

Sl No	Parameter	Rank Group	No of Labs	OMSDI	Grade
1	GLUCOSE II	Group II	566	0.44	A
2	UREA II	Group II	542	0.38	A
3	CREATININE II	Group II	556	0.91	A
4	T.BILIRUBIN II	Group II	491	0.64	A
5	T-PROTEIN II	Group II	390	0.88	A
6	ALBUMIN II	Group II	375	0.90	A
7	URIC ACID II	Group II	441	0.74	A
8	CHOLESTROL II	Group II	550	0.52	A
9	TRIGLYCERIDE II	Group II	457	0.72	A

Only first 2 Groups are Graded

OMSDI Range	Grade	Remarks
0.00 to 1.00	A	Excellent
1.01 to 2.00	B	Good
2.01 to 2.99	C	Satisfactory
Beyond ± 3.00	D	Unacceptable

Your Lab No 14836

Constituent Group Chemistry II

Address

,
 Biochemistry Diagnostic Laboratory, GMC Srinagar
 and Associated SMHS Hospital ,
 3rd Floor , F-Block, SMHS Hospital , KARAN NAGAR,
 ,
 SRINAGAR ,
 JAMMU & KASHMIR ,190010 .

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L^A B MONTHLY SUMMARY

Lab Name Biochemistry Diagnostic Laboratory, GMC Srinagar and Associated SMHS Hospital Lab No 14836
 Month November Year 2021
 Constituent Group Chemistry II



Date of Result Entered : 13/11/2021

November 2021

Date of Report Published : 03/12/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	HEXOKINASE II	Any Analyser (Automation / Semi Automation)	50	143.50	7.53	10.80	138 mg/dl	-0.51	3.06
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	577	42.79	12.32	5.27	39 mg/dl	-0.72	0.44
3	CREATININE II	Jaffes Kinetic-Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	709	9.02	12.78	1.15	10.62 mg/dl	1.39	0.09
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	940	2.43	23.94	0.58	2.4 mg/dl	-0.05	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	768	5.44	10.95	0.60	4.8 g/dl	-1.08	0.04
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	760	3.22	9.92	0.32	2.9 g/dl	-1.00	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	801	8.10	14.01	1.14	7.8 mg/dl	-0.26	0.08
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	993	112.61	12.13	13.66	103 mg/dl	-0.70	0.87
9	TRIGLYCERIDE II	Glycerol Blanked II	Roche C111, C311, Integra 400 plus, C501, C502, C702	52	150.22	14.41	21.65	159 mg/dl	0.41	6.01

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.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:

Email: clinqc@cmcvellore.ac.in

Contact Number: 0416-2283102

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JULY 2022



Lab Name Biochemistry Diagnostic Laboratory, GMC Srinagar and Associated SMHS Hospital Lab No 14836
Constituent Group Chemistry I Date of Result Entered : 14/07/2022
PT item Lyophilized Serum Date of Report Published : 05/08/2022

Sl. No.	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Any Analyser (Automation / Semi Automation)	159	310.23	5.75	17.84	308 mg/dL	-0.12	2.83
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	660	127.13	10.44	13.28	128 mg/dL	0.07	1.03
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	536	4.30	10.61	0.46	4.98 mg/dL	1.49	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	593	1.13	23.80	0.27	1.3 mg/dL	0.63	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	768	5.80	9.22	0.54	5.7 g/dL	-0.19	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	744	3.50	8.24	0.29	3.3 g/dL	-0.69	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	613	9.91	7.96	0.79	10.3 mg/dL	0.49	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	409	6.65	13.00	0.86	6.8 mg/dL	0.17	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	587	3.67	20.84	0.76	3 mg/dL	-0.88	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	739	119.24	8.54	10.18	124 mg/dL	0.47	0.75
11	HDL	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	487	28.03	15.16	4.25	30 mg/dL	0.46	0.39
12	SODIUM	ISE - Indirect	Any Analyser	588	139.38	3.25	4.53	149 mmol/L	2.12	0.37
13	POTASSIUM	ISE - Indirect	Any Analyser	615	5.03	6.82	0.34	5.6 mmol/L	1.66	0.03
14	CHLORIDE	ISE - Indirect	Any Analyser	445	100.03	4.49	4.49	98 mmol/L	-0.45	0.43
15	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	642	123.93	12.16	15.06	126 U/L	0.14	1.19
16	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	629	57.09	15.22	8.69	62 U/L	0.57	0.69
17	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	287	267.17	16.05	42.87	222 U/L	-1.05	5.06
18	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	392	293.40	16.25	47.68	363 U/L	1.46	4.82
19	IRON	Ferrene (No Protein Removal)	Any Analyser (Automation / Semi Automation)	110	119.94	11.24	13.48	127 ug/dL	0.52	2.57

07/22, 1:21 PM

External Quality Assurance Scheme - Print Monthly Summary

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.
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2022, 1:22 PM



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JULY 2022



PC-1024

Lab Name: Biochemistry Diagnostic Laboratory, GMC Srinagar and Associated SMHS Hospital
 Constituent Group: HbA1c
 PT item: Lyophilized Whole blood

Lab No: 14836
 Date of Result Entered: 15/07/2022
 Date of Report Published: 05/08/2022

SL No	Analyte	Method / Principle Name	Analyzer Name	No. of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	HbA1c	Enzymatic	Abbott	18	4.09	6.75	0.28	3.7 %	-1.41	0.13

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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