DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2023

PC-1024

Lab Name	INSTANT DIAGNOSTICS SERVICES	**Lab No**	6731
Constituent Group	Chemistry I	**Date of Result Entered :**	21/10/2023
PT Item	Lyophilized human serum based	**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	GOD-POD	Agape	209	364.14	5.41	19.70	333 mg/dL	-1.58	2.73
2	UREA	Urease UV / GLDH	Agape	220	43.03	7.01	3.02	46 mg/dL	0.99	0.41
3	CREATININE	Enzymatic Colorimetric	Agape	92	7.42	7.32	0.54	6.7 mg/dL	-1.33	0.11
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	199	1.45	11.85	0.17	1.5 mg/dL	0.29	0.02
5	T-PROTEIN	Biuret - Colorimetric	Agape	217	5.00	6.17	0.31	5.1 g/dL	0.32	0.04
6	ALBUMIN	BCG - colorimetric	Agape	197	3.28	4.96	0.16	3.4 g/dL	0.74	0.02
7	CALCIUM	Arsenazo III	Agape	165	11.90	7.42	0.88	12.4 mg/dL	0.57	0.14
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	217	10.39	6.09	0.63	11.4 mg/dL	1.60	0.09
9	CHOLESTEROL	CHOD-PAP	Agape	239	99.57	10.08	10.04	97 mg/dL	-0.26	1.30
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	202	73.57	8.18	6.02	74 mg/dL	0.07	0.85
11	HDL	Direct method / Enzymatic colorimetric	Agape	189	25.04	10.45	2.62	24 mg/dL	-0.40	0.38
12	SODIUM	ISE - Indirect	Any Analyser	555	137.38	2.95	4.06	142 mmol/L	1.14	0.34
13	POTASSIUM	ISE - Indirect	Any Analyser	542	5.64	6.61	0.37	6.2 mmol/L	1.50	0.03
14	AST	UV kinetic(with & without PLP (P-5-P))	Agape	227	92.19	9.15	8.43	88 U/L	-0.50	1.12
15	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	220	129.75	15.35	19.92	120 U/L	-0.49	2.69
16	ALP	PNP AMP kinetic	Agape	128	503.44	14.61	73.58	513 U/L	0.13	13.01
17	AMYLASE	CNPG3	Agape	99	134.76	12.42	16.74	134 U/L	-0.05	3.36

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 :
INSTANT DIAGNOSTICS SERVICES
POST OFFICE CHOWMOHANI, HOTEL DOLPHIN BUILDING, AGARTHALA(WEST)
TRIPURA
TRIPURA799001

Pamela Christudass

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.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

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

INSTANT DIAGNOSTIC SERVICES

Root cause analysis of outlier parameter for EQAS performance

Format No: IDS/FM/85

Lab no. 6731

Sample No:10

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

INSTANT DIAGNOSTIC SERVICES

Root cause analysis of outlier parameter for EQAS performance

Format No: IDS/FM/85

Lab no. 6731

Sample No:10

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.				
For 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.				
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.				
Precautions must be taken to ensure that there are no transcription errors.				
Reconstituted EQA samples should not be stored for future testing as they tend to deteriorate and will not provide accurate results.				
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.				
B) A SIMPLE APPROACH WOULD BE TO CLASSIFY THE PROBLEM				
Clerical error				
Transcription error (may be pre- or post-analytical factors).				
Situations where wrong method has been registered for analysis or method change not updated.				
Methodological problem				
Instrument function checks (e.g., temperatures, blank readings, pressures) not performed as necessary, or results not within acceptable range.				
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.				

INSTANT DIAGNOSTIC SERVICES

Root cause analysis of outlier parameter for EQAS performance

Format No: IDS/FM/85

Lab no. 6731

Sample No:10 **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				
Carry-over from previous specimen				
Automatic pipette not calibrated to acceptable precision and accuracy.				
Imprecision from result being close to detection limit of method.				
Instrument problem not detected by quality control: • QC material not run within expiration date, or improperly stored • QC material not run at relevant analyte concentration				
Result not within reportable range (linearity) for instrument / reagent system.				
Obstruction of instrument tubing / orifice by clot or protein				
Incorrect incubation times.				
Technical problem				
EQA material improperly reconstituted.				
Testing delayed after reconstitution of EQA material (with problem from evaporation or deterioration).				
Sample not placed in proper order on instrument.				
Result released despite unacceptable QC data.				
QC data within acceptable limits but showed trend suggestive of problem with the assay.				
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.				

INSTANT DIAGNOSTIC SERVICES

Root cause analysis of outlier parameter for EQAS performance

Format No: IDS/FM/85

Lab no. 6731
Sample No:10

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-haemtology 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 ± 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.		**There is no outlier in the EQAS result so, No RCA is required , laboratory has the RCA format and RCA is done whenever outliers are observed in EQAS.**		
Conclusion and proposed action **RCA will be done whenever outliers are observed**				
Checked By:	**Date : 21.11.2023**			**Reviewed By**
Corrective Action **NA**				
Done By	**Date**	**21.11.2023**		

CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2023

PC-1024

Lab Name	INSTANT DIAGNOSTICS SERVICES	Lab No	6731
Constituent Group	Chemistry I	Date of Result Entered :	25/05/2023
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	GOD-POD	Agape	202	248.93	6.22	15.47	230 mg/dL	-1.22	2.18
2	UREA	Urease UV / GLDH	Agape	229	78.36	6.80	5.33	80 mg/dL	0.31	0.70
3	CREATININE	Enzymatic Colorimetric	Agape	84	1.46	8.77	0.13	1.4 mg/dL	-0.47	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	186	4.17	10.40	0.43	3.8 mg/dL	-0.85	0.06
5	T-PROTEIN	Biuret - Colorimetric	Agape	222	5.13	6.67	0.34	4.9 g/dL	-0.67	0.05
6	ALBUMIN	BCG - colorimetric	Agape	210	3.38	6.76	0.23	3.3 g/dL	-0.35	0.03
7	CALCIUM	Arsenazo III	Agape	162	9.68	6.29	0.61	9.7 mg/dL	0.03	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	212	8.39	6.88	0.58	8.2 mg/dL	-0.33	0.08
9	CHOLESTEROL	CHOD-PAP	Agape	221	104.92	7.07	7.42	101 mg/dL	-0.53	1.00
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	225	127.84	8.31	10.62	126 mg/dL	-0.17	1.42
11	HDL	Direct method / Enzymatic colorimetric	Agape	170	23.72	10.12	2.40	22 mg/dL	-0.72	0.37
12	SODIUM	ISE - Indirect	Any Analyser	545	134.60	2.73	3.67	133 mmol/L	-0.44	0.31
13	POTASSIUM	ISE - Indirect	Any Analyser	543	3.15	5.97	0.19	2.8 mmol/L	-1.86	0.02
14	AST	UV kinetic(with & without PLP (P-5-P))	Agape	202	137.41	8.66	11.90	139 U/L	0.13	1.67
15	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	206	78.79	16.97	13.37	70 U/L	-0.66	1.86
16	ALP	PNP AMP kinetic	Agape	111	330.55	14.61	48.29	390 U/L	1.23	9.17
17	AMYLASE	CNPG3	Agape	98	73.41	12.79	9.39	76 U/L	0.28	1.90

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 :

INSTANT DIAGNOSTICS SERVICES

POST OFFICE CHOWMOHANI, HOTEL DOLPHIN BUILDING, AGARTHALA(WEST)

TRIPURA

TRIPURA799001

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.

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 - JUNE 2023

PC-1024

Lab Name	INSTANT DIAGNOSTICS SERVICES	Lab No	6731
Constituent Group	Chemistry I	Date of Result Entered :	19/06/2023
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	GOD-POD	Agape	203	125.00	6.63	8.29	121 mg/dL	-0.48	1.16
2	UREA	Urease UV / GLDH	Agape	220	48.09	6.66	3.20	50 mg/dL	0.60	0.43
3	CREATININE	Enzymatic Colorimetric	Agape	84	1.95	7.14	0.14	1.9 mg/dL	-0.36	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	191	3.00	12.36	0.37	2.7 mg/dL	-0.81	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	215	5.83	5.13	0.30	5.7 g/dL	-0.43	0.04
6	ALBUMIN	BCG - colorimetric	Agape	209	3.68	6.22	0.23	3.7 g/dL	0.09	0.03
7	CALCIUM	Arsenazo III	Agape	168	10.51	6.42	0.68	10.2 mg/dL	-0.46	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	229	4.93	9.73	0.48	5 mg/dL	0.15	0.06
9	CHOLESTEROL	CHOD-PAP	Agape	240	116.77	9.74	11.37	112 mg/dL	-0.42	1.47
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	210	178.85	7.13	12.75	187 mg/dL	0.64	1.76
11	HDL	Direct method / Enzymatic colorimetric	Agape	181	27.37	9.76	2.67	26 mg/dL	-0.51	0.40
12	SODIUM	ISE - Indirect	Any Analyser	538	134.20	2.90	3.89	137 mmol/L	0.72	0.34
13	POTASSIUM	ISE - Indirect	Any Analyser	561	5.19	5.99	0.31	5.5 mmol/L	1.00	0.03
14	AST	UV kinetic(with & without PLP (P-5-P))	Agape	209	65.80	9.46	6.22	73 U/L	1.16	0.86
15	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	191	48.76	12.65	6.17	46 U/L	-0.45	0.89
16	ALP	PNP AMP kinetic	Agape	97	124.22	15.91	19.77	186 U/L	3.12	4.01
17	AMYLASE	CNPG3	Agape	103	58.10	12.25	7.12	56 U/L	-0.29	1.40

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 :
INSTANT DIAGNOSTICS SERVICES
POST OFFICE CHOWMOHANI, HOTEL DOLPHIN BUILDING, AGARTHALA(WEST)
TRIPURA
TRIPURA799001

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.
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 - JULY 2023

PC-1024

Lab Name	INSTANT DIAGNOSTICS SERVICES	Lab No	6731
Constituent Group	Chemistry I	Date of Result Entered :	20/07/2023
PT item	Lyophilized human serum based	Date of Report Published :	07/08/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Agape	212	283.04	5.50	15.56	242 mg/dL	-2.64	2.14
2	UREA	Urease UV / GLDH	Agape	230	65.24	6.80	4.44	67 mg/dL	0.40	0.59
3	CREATININE	Enzymatic Colorimetric	Agape	85	4.22	6.52	0.28	4.2 mg/dL	-0.07	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	193	3.46	9.75	0.34	3.5 mg/dL	0.12	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	229	5.92	7.06	0.42	6.1 g/dL	0.43	0.06
6	ALBUMIN	BCG - colorimetric	Agape	217	3.65	6.05	0.22	3.7 g/dL	0.23	0.03
7	CALCIUM	Arsenazo III	Agape	171	10.67	6.13	0.65	10.9 mg/dL	0.35	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	219	6.00	8.07	0.48	6 mg/dL	0.00	0.07
9	CHOLESTEROL	CHOD-PAP	Agape	227	120.40	8.47	10.19	134 mg/dL	1.33	1.35
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	218	157.90	7.56	11.94	163 mg/dL	0.43	1.62
11	HDL	Direct method / Enzymatic colorimetric	Agape	173	29.04	8.78	2.55	28 mg/dL	-0.41	0.39
12	SODIUM	ISE - Indirect	Any Analyser	541	133.27	2.90	3.87	132 mmol/L	-0.33	0.33
13	POTASSIUM	ISE - Indirect	Any Analyser	539	4.25	4.94	0.21	4.2 mmol/L	-0.24	0.02
14	AST	UV kinetic(with & without PLP (P-5-P))	Agape	227	195.43	8.68	16.96	209 U/L	0.80	2.25
15	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	227	285.90	16.85	48.18	275 U/L	-0.23	6.40
16	ALP	PNP AMP kinetic	Agape	130	245.25	16.77	41.14	300 U/L	1.33	7.22
17	AMYLASE	CNPG3	Agape	101	52.77	12.90	6.80	51 U/L	-0.26	1.35

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 :
INSTANT DIAGNOSTICS SERVICES
POST OFFICE CHOWMOHANI, HOTEL DOLPHIN BUILDING, AGARTHALA(WEST)
TRIPURA
TRIPURA799001

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.
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 2023

PC-1024

Lab Name	INSTANT DIAGNOSTICS SERVICES	Lab No	6731
Constituent Group	Chemistry I	Date of Result Entered :	20/08/2023
PT item	Lyophilized human serum based	Date of Report Published :	01/09/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Agape	213	65.42	8.78	5.74	66 mg/dL	0.10	0.79
2	UREA	Urease UV / GLDH	Agape	217	18.51	10.64	1.97	19 mg/dL	0.25	0.27
3	CREATININE	Enzymatic Colorimetric	Agape	89	0.73	14.62	0.11	0.9 mg/dL	1.59	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	185	0.84	14.46	0.12	0.9 mg/dL	0.50	0.02
5	T-PROTEIN	Biuret - Colorimetric	Agape	232	5.72	6.68	0.38	5.4 g/dL	-0.84	0.05
6	ALBUMIN	BCG - colorimetric	Agape	220	3.59	6.07	0.22	3.7 g/dL	0.50	0.03
7	CALCIUM	Arsenazo III	Agape	162	10.05	6.10	0.61	10.8 mg/dL	1.22	0.10
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	227	3.83	9.55	0.37	3.7 mg/dL	-0.36	0.05
9	CHOLESTEROL	CHOD-PAP	Agape	229	119.67	9.00	10.77	131 mg/dL	1.05	1.42
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	239	122.49	7.92	9.70	128 mg/dL	0.57	1.26
11	HDL	Direct method / Enzymatic colorimetric	Agape	183	27.53	7.85	2.16	27 mg/dL	-0.25	0.32
12	SODIUM	ISE - Indirect	Any Analyser	547	128.57	3.20	4.11	134 mmol/L	1.32	0.35
13	POTASSIUM	ISE - Indirect	Any Analyser	538	2.58	8.02	0.21	2.4 mmol/L	-0.87	0.02
14	AST	UV kinetic(with & without PLP (P-5-P))	Agape	227	32.32	13.57	4.39	36 U/L	0.84	0.58
15	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	205	26.54	18.96	5.03	26 U/L	-0.11	0.70
16	ALP	PNP AMP kinetic	Agape	124	126.27	18.54	23.42	176 U/L	2.12	4.21
17	AMYLASE	CNPG3	Agape	97	42.13	14.60	6.15	41 U/L	-0.18	1.25

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 :
INSTANT DIAGNOSTICS SERVICES
POST OFFICE CHOWMOHANI, HOTEL DOLPHIN BUILDING, AGARTHALA(WEST)
TRIPURA
TRIPURA799001

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.
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 - SEPTEMBER 2023

PC-1024

Lab Name	INSTANT DIAGNOSTICS SERVICES	**Lab No**	6731
Constituent Group	Chemistry I	**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	GOD-POD	Agape	205	209.12	5.27	11.02	198 mg/dL	-1.01	1.54
2	UREA	Urease UV / GLDH	Agape	218	110.04	6.49	7.14	112 mg/dL	0.27	0.97
3	CREATININE	Enzymatic Colorimetric	Agape	86	7.81	7.38	0.58	7 mg/dL	-1.41	0.12
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	200	2.11	12.50	0.26	2.2 mg/dL	0.34	0.04
5	T-PROTEIN	Biuret - Colorimetric	Agape	235	5.59	5.83	0.33	5.6 g/dL	0.03	0.04
6	ALBUMIN	BCG - colorimetric	Agape	222	3.54	6.02	0.21	3.6 g/dL	0.28	0.03
7	CALCIUM	Arsenazo III	Agape	173	11.20	6.44	0.72	11.6 mg/dL	0.55	0.11
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	235	7.03	7.44	0.52	6.9 mg/dL	-0.25	0.07
9	CHOLESTEROL	CHOD-PAP	Agape	230	116.37	8.63	10.04	116 mg/dL	-0.04	1.32
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	222	118.11	6.36	7.51	118 mg/dL	-0.01	1.01
11	HDL	Direct method / Enzymatic colorimetric	Agape	186	26.16	9.61	2.51	25 mg/dL	-0.46	0.37
12	SODIUM	ISE - Indirect	Any Analyser	534	133.77	2.35	3.14	135 mmol/L	0.39	0.27
13	POTASSIUM	ISE - Indirect	Any Analyser	556	4.70	5.57	0.26	4.8 mmol/L	0.38	0.02
14	AST	UV kinetic(with & without PLP (P-5-P))	Agape	225	90.35	8.35	7.55	93 U/L	0.35	1.01
15	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	227	55.98	13.58	7.60	51 U/L	-0.66	1.01
16	ALP	PNP AMP kinetic	Agape	110	181.32	14.89	27.00	219 U/L	1.40	5.15
17	AMYLASE	CNPG3	Agape	104	100.82	13.40	13.51	96 U/L	-0.36	2.65

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 :

INSTANT DIAGNOSTICS SERVICES

POST OFFICE CHOWMOHANI, HOTEL DOLPHIN BUILDING, AGARTHALA(WEST)

TRIPURA

TRIPURA799001

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.

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 - OCTOBER 2023

PC-1024

Lab Name	INSTANT DIAGNOSTICS SERVICES	Lab No	6731
Constituent Group	Chemistry I	Date of Result Entered :	21/10/2023
PT item	Lyophilized human serum based	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	GOD-POD	Agape	209	364.14	5.41	19.70	333 mg/dL	-1.58	2.73
2	UREA	Urease UV / GLDH	Agape	220	43.03	7.01	3.02	46 mg/dL	0.99	0.41
3	CREATININE	Enzymatic Colorimetric	Agape	92	7.42	7.32	0.54	6.7 mg/dL	-1.33	0.11
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	199	1.45	11.85	0.17	1.5 mg/dL	0.29	0.02
5	T-PROTEIN	Biuret - Colorimetric	Agape	217	5.00	6.17	0.31	5.1 g/dL	0.32	0.04
6	ALBUMIN	BCG - colorimetric	Agape	197	3.28	4.96	0.16	3.4 g/dL	0.74	0.02
7	CALCIUM	Arsenazo III	Agape	165	11.90	7.42	0.88	12.4 mg/dL	0.57	0.14
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	217	10.39	6.09	0.63	11.4 mg/dL	1.60	0.09
9	CHOLESTEROL	CHOD-PAP	Agape	239	99.57	10.08	10.04	97 mg/dL	-0.26	1.30
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	202	73.57	8.18	6.02	74 mg/dL	0.07	0.85
11	HDL	Direct method / Enzymatic colorimetric	Agape	189	25.04	10.45	2.62	24 mg/dL	-0.40	0.38
12	SODIUM	ISE - Indirect	Any Analyser	555	137.38	2.95	4.06	142 mmol/L	1.14	0.34
13	POTASSIUM	ISE - Indirect	Any Analyser	542	5.64	6.61	0.37	6.2 mmol/L	1.50	0.03
14	AST	UV kinetic(with & without PLP (P-5-P))	Agape	227	92.19	9.15	8.43	88 U/L	-0.50	1.12
15	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	220	129.75	15.35	19.92	120 U/L	-0.49	2.69
16	ALP	PNP AMP kinetic	Agape	128	503.44	14.61	73.58	513 U/L	0.13	13.01
17	AMYLASE	CNPG3	Agape	99	134.76	12.42	16.74	134 U/L	-0.05	3.36

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 :

INSTANT DIAGNOSTICS SERVICES

POST OFFICE CHOWMOHANI, HOTEL DOLPHIN BUILDING, AGARTHALA(WEST)

TRIPURA

TRIPURA799001

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.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

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