

VIEW LAB MONTHLY SUMMARY

Lab Name MICROBIOLOGICAL LABORATORY

Details About Robust Analysis

Lab No 11612

Detail About Monthly Summary

Month September

Detail about Z-Score

Year 2023

Constituent Group Chemistry II

Click on the analyte to view Graphical Data

All Analyser Result

Print

Date of Result Entered : 09/09/2023

Date of Report Published : 05/10/2023

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | AV | Participants | | Your Value | Z Score | u* |
|-------|-----------------|---|---|--------------------|--------|--------------|-------|-------------|---------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE II | HEXOKINASE II | Any Analyser (Automation / Semi Automation) | 70 | 355.27 | 6.22 | 22.11 | 353.1 mg/dL | -0.10 | 5.29 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 1143 | 38.62 | 12.79 | 4.94 | 37.6 mg/dL | -0.21 | 0.29 |
| 3 | CREATININE II | Jaffes Kinetic- Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1241 | 1.16 | 14.35 | 0.17 | 1.2 mg/dL | 0.24 | 0.01 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 1395 | 5.18 | 15.03 | 0.78 | 6 mg/dL | 1.05 | 0.04 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1299 | 5.64 | 10.51 | 0.59 | 5.3 g/dL | -0.57 | 0.03 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1246 | 3.31 | 9.55 | 0.32 | 3.1 g/dL | -0.66 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 1315 | 9.82 | 13.19 | 1.30 | 10.1 mg/dL | 0.22 | 0.07 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1501 | 119.45 | 10.95 | 13.08 | 115.7 mg/dL | -0.29 | 0.67 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1333 | 201.48 | 11.49 | 23.15 | 210.6 mg/dL | 0.39 | 1.27 |

u* - Method of Uncertainty

| Z-Score | Interpretation |
|-------------------|------------------------------|
| $ z \leq 2.0$ | Acceptable |
| $2.0 < z < 3.0$ | Warning Signal |
| $ z \geq 3.0$ | Unacceptable (action Signal) |

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Lab Name MICROBIOLOGICAL LABORATORY

Lab No

11612

Constituent Group Chemistry II

Date of Result Entered :

15/10/2023

PT item Lyophilized human serum based

Date of Report Published :

04/11/2023

| SI.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | AV | Participants | | Your Value | Z Score | u* |
|-------|-----------------|---|---|--------------------|--------|--------------|-------|-------------|---------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE II | HEXOKINASE II | Any Analyser (Automation / Semi Automation) | 68 | 133.64 | 6.02 | 8.05 | 137.1 mg/dL | 0.43 | 1.95 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 1043 | 86.31 | 11.17 | 9.64 | 89.2 mg/dL | 0.30 | 0.60 |
| 3 | CREATININE II | Jaffes Kinetic- Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1204 | 7.35 | 12.30 | 0.90 | 8.9 mg/dL | 1.71 | 0.05 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 1325 | 8.35 | 11.84 | 0.99 | 9.7 mg/dL | 1.36 | 0.05 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1282 | 5.47 | 10.35 | 0.57 | 5.1 g/dL | -0.65 | 0.03 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1253 | 3.29 | 9.69 | 0.32 | 3.1 g/dL | -0.60 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 1268 | 5.07 | 16.36 | 0.83 | 4.5 mg/dL | -0.69 | 0.05 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1485 | 109.78 | 11.30 | 12.40 | 104.8 mg/dL | -0.40 | 0.64 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1243 | 104.67 | 16.11 | 16.86 | 100.6 mg/dL | -0.24 | 0.96 |

u* - Method of Uncertainty

| Z-Score | Interpretation |
|-------------------|------------------------------|
| $ z \leq 2.0$ | Acceptable |
| $2.0 < z < 3.0$ | Warning Signal |
| $ z \geq 3.0$ | Unacceptable (action Signal) |

LAB ADDRESS :

MICROBIOLOGICAL LABORATORY
19 K, St.Johns College Road, North High Ground Road,
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TAMILNADU627002

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.
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 - NOVEMBER 2023



PC-1024

Lab Name MICROBIOLOGICAL LABORATORY

Lab No

11612

Constituent Group Chemistry II

Date of Result Entered :

20/11/2023

PT item Lyophilized human serum based

Date of Report Published :

05/12/2023

| 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) | 69 | 248.32 | 6.67 | 16.57 | 263.7 mg/dL | 0.93 | 3.99 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 1098 | 67.14 | 11.47 | 7.70 | 72.9 mg/dL | 0.75 | 0.46 |
| 3 | CREATININE II | Jaffes Kinetic- Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1210 | 4.52 | 12.57 | 0.57 | 5.3 mg/dL | 1.37 | 0.03 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 1211 | 1.15 | 23.45 | 0.27 | 0.9 mg/dL | -0.93 | 0.02 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1305 | 4.77 | 13.33 | 0.64 | 4.4 g/dL | -0.58 | 0.04 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1267 | 2.90 | 11.42 | 0.33 | 2.5 g/dL | -1.21 | 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 | 93.7 mg/dL | -0.46 | 0.57 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1379 | 88.73 | 18.66 | 16.56 | 83.6 mg/dL | -0.31 | 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. |

LAB ADDRESS :

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19 K, St.Johns College Road, North High Ground Road,

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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 - DECEMBER 2023



PC-1024

Lab Name MICROBIOLOGICAL LABORATORY Lab No 11612
Constituent Group Chemistry II Date of Result Entered : 17/12/2023
PT item Lyophilized human serum based Date of Report Published : 02/01/2024

| 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) | 69 | 106.08 | 5.92 | 6.28 | 106.6 mg/dL | 0.08 | 1.51 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 1051 | 110.09 | 12.91 | 14.22 | 117.1 mg/dL | 0.49 | 0.88 |
| 3 | CREATININE II | Jaffes Kinetic-Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1228 | 1.79 | 12.56 | 0.22 | 2 mg/dL | 0.93 | 0.01 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 1302 | 4.67 | 13.51 | 0.63 | 5.2 mg/dL | 0.84 | 0.03 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1278 | 5.22 | 10.56 | 0.55 | 5.1 g/dL | -0.22 | 0.03 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1248 | 3.16 | 10.10 | 0.32 | 2.9 g/dL | -0.82 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 1382 | 5.59 | 15.59 | 0.87 | 5.2 mg/dL | -0.45 | 0.05 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1470 | 106.78 | 10.69 | 11.42 | 103.7 mg/dL | -0.27 | 0.60 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1327 | 144.29 | 12.48 | 18.01 | 150.5 mg/dL | 0.34 | 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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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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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 - JANUARY 2024



Lab Name MICROBIOLOGICAL LABORATORY Lab No 11612
Constituent Group Chemistry II Date of Result Entered : 12/01/2024
PT item Lyophilized human serum based Date of Report Published : 06/02/2024

| 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) | 69 | 156.87 | 5.28 | 8.29 | 158.2 mg/dL | 0.16 | 2.00 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 992 | 46.22 | 11.22 | 5.18 | 46.3 mg/dL | 0.02 | 0.33 |
| 3 | CREATININE II | Jaffes Kinetic-Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1130 | 1.67 | 12.25 | 0.20 | 1.8 mg/dL | 0.63 | 0.01 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 1042 | 3.41 | 12.84 | 0.44 | 3.5 mg/dL | 0.21 | 0.03 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1105 | 5.12 | 9.00 | 0.46 | 4.9 g/dL | -0.48 | 0.03 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1176 | 3.10 | 9.86 | 0.31 | 2.8 g/dL | -0.98 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 1217 | 7.71 | 11.58 | 0.89 | 7.7 mg/dL | -0.01 | 0.05 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1312 | 104.57 | 9.94 | 10.40 | 103.8 mg/dL | -0.07 | 0.57 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1178 | 145.99 | 11.26 | 16.44 | 143.2 mg/dL | -0.17 | 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. |

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

Lab Name MICROBIOLOGICAL LABORATORY

Lab No

11612

Constituent Group Chemistry II

Date of Result Entered :

17/02/2024

PT item Lyophilized human serum based

Date of Report Published :

05/03/2024

| SI.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | AV | Participants | | Your Value | Z Score | u* |
|-------|-----------------|---|---|--------------------|--------|--------------|-------|-------------|---------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE II | HEXOKINASE II | Any Analyser (Automation / Semi Automation) | 84 | 97.18 | 6.95 | 6.76 | 94.7 mg/dL | -0.37 | 1.47 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 1168 | 26.64 | 15.95 | 4.25 | 22.4 mg/dL | -1.00 | 0.25 |
| 3 | CREATININE II | Jaffes Kinetic-Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1273 | 2.26 | 12.99 | 0.29 | 2.5 mg/dL | 0.82 | 0.02 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendressik II | Any Analyser (Automation / Semi Automation) | 1130 | 1.76 | 16.01 | 0.28 | 1.9 mg/dL | 0.50 | 0.02 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1322 | 5.99 | 9.60 | 0.57 | 5.8 g/dL | -0.33 | 0.03 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1294 | 3.61 | 9.21 | 0.33 | 3.6 g/dL | -0.03 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 1499 | 5.37 | 17.70 | 0.95 | 4.5 mg/dL | -0.91 | 0.05 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1685 | 125.93 | 11.88 | 14.96 | 122.5 mg/dL | -0.23 | 0.73 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1488 | 159.25 | 13.19 | 21.01 | 159.2 mg/dL | 0.00 | 1.09 |

u* - Method of Uncertainty

| Z-Score | Interpretation |
|-------------------|------------------------------|
| $ z \leq 2.0$ | Acceptable |
| $2.0 < z < 3.0$ | Warning Signal |
| $ z \geq 3.0$ | Unacceptable (action Signal) |

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