



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

| | | | |
|-------------------|-------------------------------|----------------------------|------------|
| Lab Name | CARE DIAGNOSTICS | Lab No | 14167 |
| Constituent Group | Chemistry II | Date of Result Entered : | 15/02/2023 |
| 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 | Mindray | 179 | 119.55 | 7.87 | 9.41 | 125 mg/dL | 0.58 | 1.41 |
| 2 | UREA II | Urease UV / GLDH II | Mindray | 142 | 129.04 | 9.05 | 11.68 | 76 mg/dL | -4.54 | 1.96 |
| 3 | CREATININE II | Jaffes Kinetic- Alkaline Picrate II | Mindray | 110 | 4.74 | 13.83 | 0.66 | 5.98 mg/dL | 1.89 | 0.13 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Mindray | 163 | 1.47 | 17.09 | 0.25 | 1.47 mg/dL | 0.00 | 0.04 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Mindray | 162 | 4.70 | 9.59 | 0.45 | 5.21 g/dL | 1.13 | 0.07 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Mindray | 179 | 2.94 | 10.32 | 0.30 | 3.27 g/dL | 1.09 | 0.05 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Mindray | 162 | 7.07 | 8.12 | 0.57 | 4.89 mg/dL | -3.82 | 0.09 |
| 8 | CHOLESTROL II | CHOD-PAP II | Mindray | 178 | 98.73 | 9.06 | 8.94 | 91 mg/dL | -0.86 | 1.34 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Mindray | 183 | 90.91 | 12.86 | 11.69 | 84 mg/dL | -0.59 | 1.73 |

| 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 :
CARE DIAGNOSTICS
4/442, NGGOS COLONY, BAGALUR ROAD, OPP SAMPOORNA BHAVAN HOTEL
HOSUR
TAMILNADU635109

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 *****



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DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MARCH 2023



PC-1024

| | | | |
|-------------------|-------------------------------|----------------------------|------------|
| Lab Name | CARE DIAGNOSTICS | Lab No | 14167 |
| Constituent Group | Chemistry II | Date of Result Entered : | 12/03/2023 |
| PT item | Lyophilized human serum based | Date of Report Published : | 04/04/2023 |

| 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 | Mindray | 190 | 318.46 | 8.85 | 28.19 | 301 mg/dL | -0.62 | 4.09 |
| 2 | UREA II | Urease UV / GLDH II | Mindray | 153 | 58.52 | 7.41 | 4.34 | 48 mg/dL | -2.42 | 0.70 |
| 3 | CREATININE II | Jaffes Kinetic- Alkaline Picrate II | Mindray | 114 | 1.90 | 9.75 | 0.18 | 1.81 mg/dL | -0.49 | 0.03 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Mindray | 171 | 5.47 | 10.93 | 0.60 | 4.5 mg/dL | -1.62 | 0.09 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Mindray | 187 | 5.42 | 8.55 | 0.46 | 4.6 g/dL | -1.77 | 0.07 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Mindray | 185 | 3.34 | 7.97 | 0.27 | 3 g/dL | -1.28 | 0.04 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Mindray | 167 | 4.32 | 16.73 | 0.72 | 3 mg/dL | -1.83 | 0.11 |
| 8 | CHOLESTROL II | CHOD-PAP II | Mindray | 198 | 109.71 | 8.91 | 9.78 | 93 mg/dL | -1.71 | 1.39 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Mindray | 184 | 144.87 | 8.97 | 13.00 | 147 mg/dL | 0.16 | 1.92 |

| 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 - APRIL 2023



PC-1024

Lab Name: CARE DIAGNOSTICS Lab No: 14167
 Constituent Group: Chemistry II Date of Result Entered: 15/04/2023
 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 | Mindray | 188 | 149.06 | 7.59 | 11.31 | 147 mg/dL | -0.18 | 1.65 |
| 2 | UREA II | Urease UV / GLDH II | Mindray | 158 | 37.86 | 9.49 | 3.59 | 36.5 mg/dL | -0.38 | 0.57 |
| 3 | CREATININE II | Jaffes Kinetic- Alkaline Picrate II | Mindray | 119 | 2.70 | 11.98 | 0.32 | 3.08 mg/dL | 1.18 | 0.06 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Mindray | 176 | 2.96 | 12.62 | 0.37 | 2.84 mg/dL | -0.32 | 0.06 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Mindray | 187 | 5.52 | 8.24 | 0.46 | 5.23 g/dL | -0.64 | 0.07 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Mindray | 190 | 3.40 | 8.05 | 0.27 | 3.32 g/dL | -0.29 | 0.04 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Mindray | 176 | 5.49 | 11.31 | 0.62 | 5.3 mg/dL | -0.31 | 0.09 |
| 8 | CHOLESTROL II | CHOD-PAP II | Mindray | 187 | 118.34 | 7.13 | 8.44 | 120.2 mg/dL | 0.22 | 1.23 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Mindray | 178 | 111.30 | 9.75 | 10.86 | 132.6 mg/dL | 1.96 | 1.63 |

| 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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 CMC EXTERNAL QUALITY ASSURANCE SCHEME
 MONTHLY SUMMARY REPORT - MAY 2023



PC-1024

Lab Name CARE DIAGNOSTICS Lab No 14167
 Constituent Group Chemistry II Date of Result Entered : 10/05/2023
 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 | Mindray | 200 | 188.55 | 7.75 | 14.61 | 179 mg/dL | -0.65 | 2.07 |
| 2 | UREA II | Urease UV / GLDH II | Mindray | 163 | 21.66 | 12.34 | 2.67 | 20 mg/dL | -0.62 | 0.42 |
| 3 | CREATININE II | Jaffes Kinetic- Alkaline Picrate II | Mindray | 114 | 6.59 | 11.99 | 0.79 | 7.25 mg/dL | 0.84 | 0.15 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Mindray | 190 | 2.14 | 14.69 | 0.31 | 2 mg/dL | -0.45 | 0.05 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Mindray | 188 | 5.61 | 8.09 | 0.45 | 5.1 g/dL | -1.12 | 0.07 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Mindray | 193 | 3.47 | 7.55 | 0.26 | 3.4 g/dL | -0.27 | 0.04 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Mindray | 187 | 6.62 | 10.81 | 0.72 | 6.1 mg/dL | -0.73 | 0.10 |
| 8 | CHOLESTROL II | CHOD-PAP II | Mindray | 195 | 118.61 | 6.86 | 8.14 | 120 mg/dL | 0.17 | 1.17 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Mindray | 190 | 136.23 | 8.65 | 11.78 | 153 mg/dL | 1.42 | 1.71 |

| 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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