



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 14874

LAB NAME: **SRI SPECTRA DIAGNOSTICS AND CLINIC**

CONSTITUENT GROUP

Chemistry II

Date of Result Entered: 18/08/2024

Date of Result Published: 02/09/2024

PT Item: Lyophilized human serum based

| S. No. | Analyte | Method / Principle | Analyser | No. of Participants | AV | Participants | | Your Value | Z Score | u* |
|--------|-----------------|---|----------|---------------------|--------|--------------|-------|--------------|---------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE II | GOD-POD II | Mindray | 222 | 70.43 | 10.55 | 7.43 | 102.39 mg/dL | 4.3 | 1 |
| 2 | UREA II | Urease UV / GLDH II | Mindray | 208 | 98.26 | 8.88 | 8.73 | 95.7 mg/dL | -0.29 | 1.21 |
| 3 | CREATININE II | Enzymatic Colorimetric II | Mindray | 64 | 1.38 | 9.03 | 0.12 | 1.39 mg/dL | 0.08 | 0.03 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Mindray | 238 | 4.24 | 14 | 0.59 | 4.02 mg/dL | -0.37 | 0.08 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Mindray | 223 | 5.25 | 10.34 | 0.54 | 5.03 g/dL | -0.41 | 0.07 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Mindray | 223 | 3.24 | 9.39 | 0.3 | 3.25 g/dL | 0.03 | 0.04 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Mindray | 231 | 4.65 | 17.35 | 0.81 | 4.53 mg/dL | -0.15 | 0.11 |
| 8 | CHOLESTROL II | CHOD-PAP II | Mindray | 243 | 105.11 | 7.87 | 8.27 | 105.3 mg/dL | 0.02 | 1.06 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Mindray | 227 | 207.41 | 9.72 | 20.17 | 216.5 mg/dL | 0.45 | 2.68 |

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

SRI SPECTRA DIAGNOSTICS AND CLINIC,
SRI GANAPATI COMPLEX, 2ND MAIN, AKSHAYA
NAGAR, 50FT ROAD, NEAR DLF, YELENHALLI,
BEGUR POST,

Coordinator Contact Details:

E-Mail: clinqc@cmcvellore.ac.in
Contact No.: 0416-2283102

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 *****

Pamela Christudoss

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



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - SEPTEMBER 2024

LAB NO: 14874

LAB NAME: **SRI SPECTRA DIAGNOSTICS AND CLINIC**

CONSTITUENT GROUP

Chemistry II

Date of Result Entered: 12/09/2024

Date of Result Published: 01/10/2024

PT Item: Lyophilized human serum based

| S. No. | Analyte | Method / Principle | Analyser | No. of Participants | AV | Participants | | Your Value | Z Score | u* |
|--------|-----------------|---|----------|---------------------|--------|--------------|-------|--------------|---------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE II | GOD-POD II | Mindray | 222 | 223.29 | 8.49 | 18.97 | 229.79 mg/dL | 0.34 | 2.55 |
| 2 | UREA II | Urease UV / GLDH II | Mindray | 205 | 65.93 | 8.52 | 5.61 | 73.7 mg/dL | 1.39 | 0.78 |
| 3 | CREATININE II | Enzymatic Colorimetric II | Mindray | 70 | 5.3 | 8.06 | 0.43 | 5.24 mg/dL | -0.14 | 0.1 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Mindray | 238 | 4.38 | 11.86 | 0.52 | 4.56 mg/dL | 0.35 | 0.07 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Mindray | 223 | 5.49 | 9.23 | 0.51 | 5.12 g/dL | -0.73 | 0.07 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Mindray | 221 | 3.36 | 7.79 | 0.26 | 3.45 g/dL | 0.35 | 0.04 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Mindray | 228 | 7.67 | 9.12 | 0.7 | 8.52 mg/dL | 1.21 | 0.09 |
| 8 | CHOLESTROL II | CHOD-PAP II | Mindray | 238 | 109.63 | 7.14 | 7.83 | 115.3 mg/dL | 0.72 | 1.02 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Mindray | 227 | 165.18 | 8.76 | 14.46 | 176.5 mg/dL | 0.78 | 1.92 |

u* - method of uncertainty

| Z-Score | Interpretation |
|-------------------|------------------------------|
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LAB ADDRESS

SRI SPECTRA DIAGNOSTICS AND CLINIC,
SRI GANAPATI COMPLEX, 2ND MAIN, AKSHAYA
NAGAR, 50FT ROAD, NEAR DLF, YELENHALLI,
BEGUR POST,

Coordinator Contact Details:

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CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - OCTOBER 2024

LAB NO: 14874

LAB NAME: **SRI SPECTRA DIAGNOSTICS AND CLINIC**

CONSTITUENT GROUP

Chemistry II

Date of Result Entered: 17/10/2024

Date of Result Published: 07/11/2024

PT Item: Lyophilized human serum based

| S. No. | Analyte | Method / Principle | Analyser | No. of Participants | AV | Participants | | Your Value | Z Score | u* |
|--------|-----------------|---|----------|---------------------|--------|--------------|-------|--------------|---------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE II | GOD-POD II | Mindray | 212 | 126.96 | 8.67 | 11.01 | 129.18 mg/dL | 0.2 | 1.51 |
| 2 | UREA II | Urease UV / GLDH II | Mindray | 203 | 31.37 | 9.46 | 2.97 | 29.8 mg/dL | -0.53 | 0.42 |
| 3 | CREATININE II | Enzymatic Colorimetric II | Mindray | 70 | 1.06 | 8.81 | 0.09 | 1.15 mg/dL | 1 | 0.02 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Mindray | 235 | 5.82 | 11.64 | 0.68 | 5.51 mg/dL | -0.46 | 0.09 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Mindray | 219 | 5.6 | 8.61 | 0.48 | 5.23 g/dL | -0.77 | 0.07 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Mindray | 221 | 3.43 | 7.98 | 0.27 | 3.48 g/dL | 0.19 | 0.04 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Mindray | 228 | 3.53 | 21.86 | 0.77 | 3.37 mg/dL | -0.21 | 0.1 |
| 8 | CHOLESTROL II | CHOD-PAP II | Mindray | 237 | 119 | 6.61 | 7.86 | 134.8 mg/dL | 2.01 | 1.02 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Mindray | 224 | 105 | 11.44 | 12.01 | 126.49 mg/dL | 1.79 | 1.61 |

u* - method of uncertainty

| Z-Score | Interpretation |
|-------------------|------------------------------|
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