



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT – JUNE 2024

LAB NO: 19643  
LAB NAME: **SANJIVINI HOSPITAL & RESEARCH CENTRE**

CONSTITUENT GROUP

**Chemistry II**

Date of Result Entered: 20/06/2024

Date of Result Published: 06/07/2024

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-PODII                                | Mindray  | 189                 | 401.55 | 8.45         | 33.93 | 392 mg/dL  | -0.28   | 4.94 |
| 2      | UREA II         | Urease UV/GLDHII                         | Mindray  | 175                 | 67.54  | 7.64         | 5.16  | 62.7 mg/dL | -0.94   | 0.78 |
| 3      | CREATININE II   | Jaffes Kinetic-Alkaline Picrate II       | Mindray  | 125                 | 7.01   | 12.68        | 0.89  | 7.61 mg/dL | 0.67    | 0.16 |
| 4      | T.BILIRUBINII   | DiazoniumSalt(Colorimetric)/JendrassikII | Mindray  | 197                 | 2.59   | 12.9         | 0.33  | 2.04 mg/dL | -1.65   | 0.05 |
| 5      | T-PROTEIN II    | Biuret-ColorimetricII                    | Mindray  | 177                 | 4.04   | 9.35         | 0.38  | 4.09 g/dL  | 0.13    | 0.06 |
| 6      | ALBUMIN II      | BCG-ColorimetricII                       | Mindray  | 190                 | 2.58   | 11.57        | 0.3   | 2.88 g/dL  | 1.01    | 0.04 |
| 7      | URIC ACID II    | Enzymatic/UricaseColorimetricII          | Mindray  | 182                 | 3.81   | 12.18        | 0.46  | 4.54 mg/dL | 1.57    | 0.07 |
| 8      | CHOLESTROL II   | CHOD-PAPII                               | Mindray  | 200                 | 83.39  | 9.27         | 7.73  | 84.4 mg/dL | 0.13    | 1.09 |
| 9      | TRIGLYCERIDE II | GPO-PAP/EnzymaticColorimetric/EndPointII | Mindray  | 188                 | 75.99  | 10.95        | 8.32  | 68.2 mg/dL | -0.94   | 1.21 |

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

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DR MOLAY BANERJEE HOD, CP23, VIRAJ  
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Homogeneity and Stability of the sample is passed.  
Data in CMC EQAS reports is confidential.  
CMC EQAS does not subcontract any components.  
\*\*\*\*\*End of Report\*\*\*\*\*

*Pamela Christudoss*

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