



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 13925

LAB NAME: **LAKSHMI DIAGNOSTIC CENTRE**

CONSTITUENT GROUP

**Chemistry II**

Date of Result Entered: 20/08/2024

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                                      | Any Analyser (Automation / Semi Automation ) | 1884                | 73.06  | 12.16        | 8.88  | 69 mg/dL   | -0.46   | 0.41 |
| 2      | UREA II         | Others ( Urease Berthelot / Ned Dye ) II        | Any Analyser (Automation / Semi Automation ) | 974                 | 87.72  | 19.23        | 16.87 | 97.1 mg/dL | 0.56    | 1.08 |
| 3      | CREATININE II   | Jaffes Kinetic- Alkaline Picrate II             | Any Analyser (Automation / Semi Automation ) | 1400                | 1.3    | 13.19        | 0.17  | 1.48 mg/dL | 1.06    | 0.01 |
| 4      | T.BILIRUBIN II  | Diazonium Salt ( Colorimetric ) / Jendrassik II | Any Analyser (Automation / Semi Automation ) | 1700                | 4.19   | 20.3         | 0.85  | 4.27 mg/dL | 0.09    | 0.04 |
| 5      | T-PROTEIN II    | Biuret - Colorimetric II                        | Any Analyser (Automation / Semi Automation ) | 1530                | 5.41   | 11.3         | 0.61  | 5.69 g/dL  | 0.46    | 0.03 |
| 6      | ALBUMIN II      | BCG - Colorimetric II                           | Any Analyser (Automation / Semi Automation ) | 1487                | 3.26   | 10.57        | 0.34  | 3.3 g/dL   | 0.12    | 0.02 |
| 7      | URIC ACID II    | Enzymatic / Uricase Colorimetric II             | Any Analyser (Automation / Semi Automation ) | 1692                | 5.17   | 20.67        | 1.07  | 5.52 mg/dL | 0.33    | 0.05 |
| 8      | CHOLESTROL II   | CHOD-PAP II                                     | Any Analyser (Automation / Semi Automation ) | 1852                | 111.8  | 12.69        | 14.19 | 108 mg/dL  | -0.27   | 0.66 |
| 9      | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation ) | 1653                | 200.38 | 14.08        | 28.21 | 209 mg/dL  | 0.31    | 1.39 |



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|--------|---------|--------------------|----------|---------------------|----|--------------|------|------------|---------|----|
|        |         |                    |          |                     |    | CV           | SDPA |            |         |    |

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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NO:58, GANDHI ROAD,  
Panruti,  
Tamil Nadu

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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.