



**CHRISTIAN MEDICAL COLLEGE**  
 DEPARTMENT OF CLINICAL BIOCHEMISTRY  
 CMC EXTERNAL QUALITY ASSURANCE SCHEME  
 MONTHLY SUMMARY REPORT - MARCH 2023



Lab Name: Govt. PHC, Aruvankadu      Lab No: 10563  
 Constituent Group: Chemistry III      Date of Result Entered: 20/03/2023  
 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     | CV    | SD   | Your Value  | SDI  | U    |
|-----------------------|----------------|---------------------------------------|--|--|--------|-------|------|-------------|------|------|
| 1                     | GLUCOSE III    | GOD-POD III                           | Robonik ( Semi automatic / Fully Automatic ) | 1878                                     | 91.48  | 7.46  | 6.82 | 93.1 mg/dL  | 0.24 | 0.31 |
| 2                     | UREA III       | Urease UV / GLDH III                  | Robonik ( Semi automatic / Fully Automatic ) | 175                                      | 55.20  | 11.70 | 6.46 | 55.3 mg/dL  | 0.02 | 0.98 |
| 3                     | CREATININE III | Jaffes Kinetic - Alkaline Picrate III | Robonik ( Semi automatic / Fully Automatic ) | 1851                                     | 1.33   | 9.08  | 0.12 | 1.44 mg/dL  | 0.91 | 0.01 |
| 4                     | CHOLESTROL III | CHOD-PAP III                          | Robonik ( Semi automatic / Fully Automatic ) | 1761                                     | 110.93 | 5.23  | 5.80 | 118.2 mg/dL | 1.25 | 0.28 |
| 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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