



# CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **MEDICARE DIAGNOSTIC CENTER**  
Constituent Group **Chemistry II**  
PT item **Lyophilized human serum based**

Lab No **15263**  
Date of Result Entered : **20/03/2023**  
Date of Report Published : **04/04/2023**

| SLNo | Analyte         | Method / Principle Name                         | Analyzer Name                                | No of Participants | DV     | Participants |       | Your Value | SDI   | U    |
|------|-----------------|---|--|--------------------|--------|--------------|-------|------------|-------|------|
|      |                 |   |  |                    |        | CV           | SD    |            |       |      |
| 1    | GLUCOSE II      | GOD-POD II                                      | Biosystems                                   | 282                | 319.37 | 7.68         | 24.53 | 259 mg/dL  | -2.46 | 2.92 |
| 2    | UREA II         | Others ( Urease Berthelot / Ned Dye ) II        | Any Analyser (Automation / Semi Automation ) | 945                | 56.76  | 13.22        | 7.50  | 58.1 mg/dL | 0.18  | 0.49 |
| 3    | CREATININE II   | Jaffes Kinetic-Alkaline Picrate II              | Biosystems                                   | 224                | 1.93   | 9.85         | 0.19  | 1.55 mg/dL | -2.00 | 0.03 |
| 4    | T.BILIRUBIN II  | Diazonium Salt ( Colorimetric ) / Jendrassik II | Biosystems                                   | 252                | 5.53   | 11.95        | 0.66  | 5.5 mg/dL  | -0.05 | 0.08 |
| 5    | T-PROTEIN II    | Biuret - Colorimetric II                        | Biosystems                                   | 265                | 5.45   | 9.06         | 0.49  | 5.2 g/dL   | -0.51 | 0.06 |
| 6    | ALBUMIN II      | BCG - Colorimetric II                           | Biosystems                                   | 256                | 3.23   | 10.02        | 0.32  | 2.5 g/dL   | -2.25 | 0.04 |
| 7    | URIC ACID II    | Enzymatic / Uricase Colorimetric II             | Biosystems                                   | 243                | 4.75   | 14.71        | 0.70  | 3.8 mg/dL  | -1.36 | 0.09 |
| 8    | CHOLESTROL II   | CHOD-PAP II                                     | Biosystems                                   | 254                | 109.89 | 9.29         | 10.21 | 118 mg/dL  | 0.79  | 1.28 |
| 9    | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Biosystems                                   | 246                | 143.73 | 10.60        | 15.24 | 138 mg/dL  | -0.38 | 1.94 |

| 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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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 \*\*\*\*\*