



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2024



PC-1024

Lab Name MEDISCIENCE DIAGNOSTIC CENTRE

Lab No

20251

Constituent Group Chemistry II

Date of Result Entered:

18/01/2024

PT Item Lyophilized human serum based

Date of Report Published:

06/02/2024

| Sl.No | Analyte | Method/ Principle Name | Analyzer Name | No of Participants | AV | Participants | | Your Value | Z Score | u* |
|-------|--------------------|--|------------------|-----------------------|--------|--------------|-------|----------------|------------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE II | GOD-POD II | Transasia / Erba | 1100 | 130.93 | 6.55 | 8.58 | 138.3 mg/dL | 0.86 | 0.56 |
| 2 | UREA II | Urease UV/ GLDH II | Transasia / Erba | 920 | 37.38 | 8.70 | 3.25 | 40.9 mg/dL | 1.08 | 0.22 |
| 3 | CREATININE II | Jaffes End Point II | Transasia / Erba | 690 | 1.70 | 7.11 | 0.12 | 1.74 mg/dL | 0.33 | 0.01 |
| 4 | T.BILIRUBIN II | DiazoniumSalt (Colorimetric) / Jendrassik II | Transasia / Erba | 1096 | 2.12 | 12.71 | 0.27 | 2.08 mg/dL | -0.15 | 0.02 |
| 5 | T-PROTEIN II | Biuret- Colorimetric II | Transasia / Erba | 971 | 5.29 | 6.86 | 0.36 | 6.02 g/dL | 2.01 | 0.02 |
| 6 | ALBUMIN II | BCG- Colorimetric II | Transasia / Erba | 940 | 3.26 | 5.89 | 0.19 | 3.39 g/dL | 0.68 | 0.01 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Transasia / Erba | 1050 | 5.02 | 9.00 | 0.45 | 5.3 mg/dL | 0.62 | 0.03 |
| 8 | CHOLESTROL II | CHOD-PAP II | Transasia / Erba | 1163 | 104.06 | 7.52 | 7.82 | 101 mg/dL | -0.39 | 0.52 |
| 9 | TRIGLYCERIDE II | GPO-PAP/ Enzymatic Colorimetric/ End Point II | Transasia / Erba | 998 | 129.24 | 7.95 | 10.27 | 127.9 mg/dL | -0.13 | 0.72 |

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) |

LABADDRESS:
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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*******