



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2023



PC-1024

Lab Name **SOUTH CALCUTTA DIAGNOSTIC CENTRE**Lab No **18707**Constituent Group **Chemistry II**Date of Result Entered : **07/10/2023**PT item **Lyophilized human serum based**Date of Report Published : **04/11/2023**

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV | Participants | | Your Value | SDI | U |
|-------|-----------------|---|---|--------------------|--------|--------------|-------|--------------|-------|------|
| | | | | | | CV | SD | | | |
| 1 | GLUCOSE II | GOD-POD II | Any Analyser (Automation / Semi Automation) | 1673 | 129.03 | 9.72 | 12.54 | 98.83 mg/dL | -2.41 | 0.61 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 1043 | 86.31 | 11.17 | 9.64 | 79.42 mg/dL | -0.71 | 0.60 |
| 3 | CREATININE II | Jaffes Kinetic-Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1204 | 7.35 | 12.30 | 0.90 | 6.23 mg/dL | -1.24 | 0.05 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 1325 | 8.35 | 11.84 | 0.99 | 7.93 mg/dL | -0.42 | 0.05 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1282 | 5.47 | 10.35 | 0.57 | 5.57 g/dL | 0.18 | 0.03 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1253 | 3.29 | 9.69 | 0.32 | 3.52 g/dL | 0.72 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 1268 | 5.07 | 16.36 | 0.83 | 4.99 mg/dL | -0.10 | 0.05 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1485 | 109.78 | 11.30 | 12.40 | 129.92 mg/dL | 1.62 | 0.64 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1243 | 104.67 | 16.11 | 16.86 | 119.4 mg/dL | 0.87 | 0.96 |

| 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 *****