



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - JANUARY 2023



PC-1024

Lab Name **ARUNAA CLINICAL LAB** Lab No **14216**
 Constituent Group **Chemistry II** Date of Result Entered : **12/01/2023**
 PT Item **Lyophilized human serum based** Date of Report Published : **09/02/2023**

| 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) | 1432 | 167.16 | 9.90 | 16.54 | 199 mg/dL | 1.92 | 0.87 |
| 2 | UREA II | Urease UV / GLDH II | Any Analyser (Automation / Semi Automation) | 941 | 31.88 | 13.62 | 4.34 | 35.5 mg/dL | 0.83 | 0.28 |
| 3 | CREATININE II | Jaffes Kinetic-Alkaline Picrate II | Any Analyser (Automation / Semi Automation) | 1043 | 1.38 | 11.88 | 0.16 | 1.33 mg/dL | -0.30 | 0.01 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 1142 | 3.23 | 17.33 | 0.56 | 4.41 mg/dL | 2.11 | 0.03 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1107 | 5.53 | 10.62 | 0.59 | 5.2 g/dL | -0.56 | 0.04 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 1074 | 3.30 | 9.90 | 0.33 | 3.5 g/dL | 0.61 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 1161 | 5.11 | 18.81 | 0.96 | 5.23 mg/dL | 0.12 | 0.06 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1243 | 114.53 | 10.88 | 12.46 | 113 mg/dL | -0.12 | 0.71 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1122 | 109.94 | 13.62 | 14.98 | 104 mg/dL | -0.40 | 0.89 |

| 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. |

LAB ADDRESS :

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Pamela Christudoss

Dr. Pamela Christudoss
 CMC EQAS Coordinator
 Christian Medical College, Vellore

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 *****