



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - OCTOBER 2022



PC-1024

| | | | |
|-------------------|---|----------------------------|-------------------|
| Lab Name | SRI ARUNA COMPUTER DIAGNOSTIC CENTER | Lab No | 13169 |
| Constituent Group | Chemistry II | Date of Result Entered : | 20/10/2022 |
| PT item | Lyophilized human serum based | Date of Report Published : | 03/11/2022 |

| 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) | 1230 | 349.48 | 10.45 | 36.53 | 361 mg/dL | 0.32 | 2.08 |
| 2 | UREA II | Others (Urease Berthelot / Ned Dye) II | Any Analyser (Automation / Semi Automation) | 848 | 35.79 | 12.27 | 4.39 | 39 mg/dL | 0.73 | 0.30 |
| 3 | CREATININE II | Jaffes End point II | Any Analyser (Automation / Semi Automation) | 670 | 1.43 | 13.22 | 0.19 | 1.4 mg/dL | -0.16 | 0.01 |
| 4 | T.BILIRUBIN II | Diazonium Salt (Colorimetric) / Jendrassik II | Any Analyser (Automation / Semi Automation) | 850 | 1.56 | 19.03 | 0.30 | 1.7 mg/dL | 0.47 | 0.02 |
| 5 | T-PROTEIN II | Biuret - Colorimetric II | Any Analyser (Automation / Semi Automation) | 850 | 5.60 | 8.32 | 0.47 | 4.9 g/dL | -1.50 | 0.03 |
| 6 | ALBUMIN II | BCG - Colorimetric II | Any Analyser (Automation / Semi Automation) | 944 | 3.31 | 9.84 | 0.33 | 2.7 g/dL | -1.87 | 0.02 |
| 7 | URIC ACID II | Enzymatic / Uricase Colorimetric II | Any Analyser (Automation / Semi Automation) | 852 | 7.28 | 11.46 | 0.83 | 7.5 mg/dL | 0.26 | 0.06 |
| 8 | CHOLESTROL II | CHOD-PAP II | Any Analyser (Automation / Semi Automation) | 1108 | 117.87 | 10.18 | 12.00 | 130 mg/dL | 1.01 | 0.72 |
| 9 | TRIGLYCERIDE II | GPO-PAP / Enzymatic Colorimetric / End Point II | Any Analyser (Automation / Semi Automation) | 1024 | 224.94 | 11.81 | 26.56 | 260 mg/dL | 1.32 | 1.66 |

| 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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**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 *******