



**CHRISTIAN MEDICAL COLLEGE**  
DEPARTMENT OF CLINICAL BIOCHEMISTRY  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
MONTHLY SUMMARY REPORT - JANUARY 2023



Lab Name: **A R HOSPITAL P LTD** Lab No: **10321**  
 Constituent Group: **Chemistry I** Date of Result Entered: **20/01/2023**  
 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      | GOD-POD                                      | Any Analyser (Automation / Semi Automation) | 962                | 168.13 | 7.18         | 12.07 | 170.6 mg/dL | 0.20  | 0.78 |
| 2      | UREA         | Urease UV / GLDH                             | Any Analyser (Automation / Semi Automation) | 588                | 31.57  | 10.65        | 3.36  | 27.3 mg/dL  | -1.27 | 0.28 |
| 3      | CREATININE   | Jaffes Kinetic - Alkaline picrate            | Any Analyser (Automation / Semi Automation) | 767                | 1.40   | 10.99        | 0.15  | 1.3 mg/dL   | -0.65 | 0.01 |
| 4      | T.BILIRUBIN  | Diazonium salt ( Colorimetric ) / Jendrassik | Any Analyser (Automation / Semi Automation) | 835                | 3.43   | 15.36        | 0.53  | 2.8 mg/dL   | -1.20 | 0.04 |
| 5      | T-PROTEIN    | Biuret - Colorimetric                        | Any Analyser (Automation / Semi Automation) | 956                | 5.25   | 9.77         | 0.51  | 5.7 g/dL    | 0.88  | 0.03 |
| 6      | ALBUMIN      | BCG - colorimetric                           | Any Analyser (Automation / Semi Automation) | 674                | 3.31   | 8.11         | 0.27  | 3.3 g/dL    | -0.04 | 0.02 |
| 7      | CALCIUM      | Arsenazo III                                 | Any Analyser (Automation / Semi Automation) | 865                | 9.49   | 6.54         | 0.62  | 11.5 mg/dL  | 3.24  | 0.04 |
| 8      | URIC ACID    | Enzymatic / Uricase Colorimetric             | Any Analyser (Automation / Semi Automation) | 939                | 4.83   | 16.02        | 0.77  | 5.4 mg/dL   | 0.74  | 0.05 |
| 9      | CHOLESTEROL  | CHOD-PAP                                     | Any Analyser (Automation / Semi Automation) | 974                | 113.44 | 5.89         | 6.68  | 121.7 mg/dL | 1.24  | 0.43 |
| 10     | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Any Analyser (Automation / Semi Automation) | 935                | 109.13 | 7.82         | 8.54  | 115.2 mg/dL | 0.71  | 0.56 |
| 11     | AST          | UV kinetic(with & without PLP (P-5-P))       | Any Analyser (Automation / Semi Automation) | 967                | 50.29  | 10.00        | 5.03  | 38.3 U/L    | -2.38 | 0.32 |
| 12     | ALT          | UV kinetic(with & without PLP (P-5-P))       | Any Analyser (Automation / Semi Automation) | 958                | 57.78  | 13.00        | 7.51  | 62.8 U/L    | 0.67  | 0.49 |
| 13     | ALP          | PNP AMP kinetic                              | Any Analyser (Automation / Semi Automation) | 793                | 101.50 | 10.81        | 10.97 | 48.7 U/L    | -4.81 | 0.78 |
| 14     | AMYLAASE     | CNPG3  | Any Analyser (Automation / Semi Automation) | 439                | 43.41  | 18.75        | 8.14  | 41.5 U/L    | -0.23 | 0.78 |

| 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 \*\*\*\*\*