



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - AUGUST 2023



PC-1024

Lab Name **PATLIPUTRA CLINICAL LAB** Lab No **18513**
 Constituent Group **Chemistry I** Date of Result Entered : **17/08/2023**
 PT item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV | Participants | | Your Value | SDI | U |
|-------|--------------|--|--|--------------------|--------|--------------|-------|------------|-------|------|
| | | | | | | CV | SD | | | |
| 1 | GLUCOSE | GOD-POD | Transasia / Erba | 971 | 67.10 | 7.19 | 4.82 | 60.6 mg/dL | -1.35 | 0.31 |
| 2 | UREA | Urease UV / GLDH | Transasia / Erba | 941 | 18.54 | 11.04 | 2.05 | 17.4 mg/dL | -0.56 | 0.13 |
| 3 | CREATININE | Enzymatic Colorimetric | Transasia / Erba | 498 | 0.78 | 11.68 | 0.09 | 0.72 mg/dL | -0.66 | 0.01 |
| 4 | T.BILIRUBIN | Diazonium salt (Colorimetric) / Jendrassik | Transasia / Erba | 891 | 0.78 | 17.35 | 0.14 | 0.96 mg/dL | 1.32 | 0.01 |
| 5 | ALBUMIN | BCG - colorimetric | Transasia / Erba | 1015 | 3.50 | 5.51 | 0.19 | 3.28 g/dL | -1.14 | 0.01 |
| 6 | CALCIUM | Arsenazo III | Transasia / Erba | 702 | 9.86 | 7.57 | 0.75 | 9.6 mg/dL | -0.35 | 0.06 |
| 7 | URIC ACID | Enzymatic / Uricase Colorimetric | Transasia / Erba | 943 | 3.89 | 8.59 | 0.33 | 3.4 mg/dL | -1.47 | 0.02 |
| 8 | CHOLESTEROL | CHOD-PAP | Transasia / Erba | 981 | 120.52 | 7.26 | 8.74 | 100 mg/dL | -2.35 | 0.56 |
| 9 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Transasia / Erba | 921 | 95.56 | 11.05 | 10.56 | 93.7 mg/dL | -0.18 | 0.70 |
| 10 | ALT | UV kinetic(with & without PLP (P-5-P)) | Transasia / Erba | 886 | 26.00 | 17.22 | 4.48 | 32.4 U/L | 1.43 | 0.30 |
| 11 | AMYLASE | Enzymatic Colorimetric / G7PNP Blocked | Any Analyser (Automation / Semi Automation) | 273 | 49.03 | 18.43 | 9.04 | 38 U/L | -1.22 | 1.09 |

| 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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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 *****