



CHRISTIAN MEDICAL COLLEGE

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



PC-1024

Lab Name **FEROKE NEETHI MEDICAL LAB** Lab No **14870**
Constituent Group **Chemistry I** Date of Result Entered : **14/11/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/12/2023**

| 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 | 983 | 95.74 | 6.30 | 6.03 | 97 mg/dL | 0.21 | 0.38 |
| 2 | UREA | Urease UV / GLDH | Transasia / Erba | 926 | 92.07 | 7.06 | 6.50 | 90.8 mg/dL | -0.20 | 0.43 |
| 3 | CREATININE | Enzymatic Colorimetric | Transasia / Erba | 500 | 1.13 | 8.99 | 0.10 | 1.09 mg/dL | -0.39 | 0.01 |
| 4 | T.BILIRUBIN | Diazonium salt (Colorimetric) / Jendrassik | Transasia / Erba | 954 | 8.04 | 8.84 | 0.71 | 7.89 mg/dL | -0.21 | 0.05 |
| 5 | T-PROTEIN | Biuret - Colorimetric | Transasia / Erba | 999 | 4.22 | 9.05 | 0.38 | 4.36 g/dL | 0.37 | 0.02 |
| 6 | ALBUMIN | BCG - colorimetric | Transasia / Erba | 967 | 2.56 | 6.73 | 0.17 | 2.62 g/dL | 0.35 | 0.01 |
| 7 | CALCIUM | Arsenazo III | Transasia / Erba | 667 | 8.32 | 8.77 | 0.73 | 9.4 mg/dL | 1.48 | 0.06 |
| 8 | PHOSPHORUS | Molybdate UV / Phosphomolybdate complex | Transasia / Erba | 444 | 6.94 | 9.05 | 0.63 | 6.76 mg/dL | -0.29 | 0.06 |
| 9 | URIC ACID | Enzymatic / Uricase Colorimetric | Transasia / Erba | 879 | 3.53 | 8.85 | 0.31 | 3.1 mg/dL | -1.38 | 0.02 |
| 10 | CHOLESTEROL | CHOD-PAP | Transasia / Erba | 944 | 70.16 | 11.67 | 8.19 | 54 mg/dL | -1.97 | 0.53 |
| 11 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Transasia / Erba | 947 | 152.99 | 7.31 | 11.18 | 143.1 mg/dL | -0.88 | 0.73 |
| 12 | HDL | Direct method / Enzymatic colorimetric | Transasia / Erba | 746 | 20.92 | 13.49 | 2.82 | 20 mg/dL | -0.33 | 0.21 |
| 13 | SODIUM | ISE - Direct | Any Analyser (Automation / Semi Automation) | 1238 | 121.75 | 3.92 | 4.78 | 116 mmol/L | -1.20 | 0.27 |
| 14 | POTASSIUM | ISE - Direct | Any Analyser (Automation / Semi Automation) | 1237 | 3.31 | 5.63 | 0.19 | 3.17 mmol/L | -0.75 | 0.01 |
| 15 | CHLORIDE | ISE - Direct | Any Analyser (Automation / Semi Automation) | 1025 | 90.44 | 5.32 | 4.81 | 85.7 mmol/L | -0.98 | 0.30 |
| 16 | AST | UV kinetic(with & without PLP (P-5-P)) | Transasia / Erba | 969 | 104.82 | 12.06 | 12.64 | 121.4 U/L | 1.31 | 0.81 |
| 17 | ALT | UV kinetic(with & without PLP (P-5-P)) | Transasia / Erba | 860 | 29.21 | 17.70 | 5.17 | 42.9 U/L | 2.65 | 0.35 |
| 18 | ALP | PNP AMP kinetic | Transasia / Erba | 916 | 90.43 | 18.44 | 16.68 | 105 U/L | 0.87 | 1.10 |

| 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 :

FEROKE NEETHI MEDICAL LAB

Run by Feroke Service Co-Operative Bank Ltd, NEAR ESI HOSPITAL, FEROKE

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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 *******