



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - MAY 2024



PC-1024

Lab Name **SPANDAN PNG DIAGNOSTIC (OPC) PRIVATE LIMITED** Lab No **20160**
 Constituent Group **Chemistry I** Date of Result Entered : **16/05/2024**
 PT item **Lyophilized human serum based** Date of Report Published : **30/05/2024**

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | AV | Participants | | Your Value | Z Score | u* |
|-------|--------------|--|------------------|--------------------|--------|--------------|-------|-------------|---------|------|
| | | | | | | CV | SDPA | | | |
| 1 | GLUCOSE | GOD-POD | Transasia / Erba | 1082 | 179.08 | 6.12 | 10.96 | 196 mg/dL | 1.54 | 0.67 |
| 2 | UREA | Urease UV / GLDH | Transasia / Erba | 1053 | 97.31 | 7.32 | 7.13 | 102.1 mg/dL | 0.67 | 0.44 |
| 3 | CREATININE | Enzymatic Colorimetric | Transasia / Erba | 542 | 4.11 | 5.96 | 0.24 | 4.02 mg/dL | -0.37 | 0.02 |
| 4 | T.BILIRUBIN | Diazonium salt (Colorimetric) / Jendrassik | Transasia / Erba | 1046 | 3.99 | 9.81 | 0.39 | 4.7 mg/dL | 1.82 | 0.02 |
| 5 | ALBUMIN | BCG - colorimetric | Transasia / Erba | 1069 | 3.23 | 5.85 | 0.19 | 2.98 g/dL | -1.32 | 0.01 |
| 6 | URIC ACID | Enzymatic / Uricase Colorimetric | Transasia / Erba | 1048 | 5.78 | 8.18 | 0.47 | 5.66 mg/dL | -0.25 | 0.03 |
| 7 | CHOLESTEROL | CHOD-PAP | Transasia / Erba | 1081 | 97.32 | 9.17 | 8.92 | 98 mg/dL | 0.08 | 0.54 |
| 8 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Transasia / Erba | 1055 | 148.28 | 8.21 | 12.17 | 151.8 mg/dL | 0.29 | 0.75 |
| 9 | HDL | Direct method / Enzymatic colorimetric | Transasia / Erba | 798 | 24.48 | 10.58 | 2.59 | 29.4 mg/dL | 1.90 | 0.18 |
| 10 | AST | UV kinetic(with & without PLP (P-5-P)) | Transasia / Erba | 966 | 54.31 | 10.61 | 5.76 | 65.8 U/L | 1.99 | 0.37 |
| 11 | ALT | UV kinetic(with & without PLP (P-5-P)) | Transasia / Erba | 760 | 103.94 | 12.29 | 12.77 | 135.3 U/L | 2.46 | 0.93 |

u* - Method of Uncertainty

| Z-Score | Interpretation |
|-------------------|------------------------------|
| $ z \leq 2.0$ | Acceptable |
| $2.0 < z < 3.0$ | Warning Signal |
| $ z \geq 3.0$ | Unacceptable (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 *****

