



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - OCTOBER 2022



PC-1024

Lab Name **SKY LAB DIAGNOSTIC SERVICES** Lab No **16496**
Constituent Group **Chemistry I** Date of Result Entered : **19/10/2022**
PT item **Lyophilized Serum** 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 | GOD-POD | Any Analyser (Automation / Semi Automation) | 746 | 110.76 | 7.99 | 8.85 | 87.3 mg/dL | -2.65 | 0.65 |
| 2 | UREA | Urease UV / GLDH | Any Analyser (Automation / Semi Automation) | 652 | 126.23 | 9.59 | 12.11 | 122.9 mg/dL | -0.27 | 0.95 |
| 3 | CREATININE | Jaffes Kinetic - Alkaline picrate | Any Analyser (Automation / Semi Automation) | 529 | 7.71 | 10.73 | 0.83 | 8.3 mg/dL | 0.71 | 0.07 |
| 4 | T.BILIRUBIN | Diazonium salt (Colorimetric) / Jendrassik | Any Analyser (Automation / Semi Automation) | 667 | 5.68 | 12.89 | 0.73 | 5.92 mg/dL | 0.33 | 0.06 |
| 5 | T-PROTEIN | Biuret - Colorimetric | Any Analyser (Automation / Semi Automation) | 801 | 5.61 | 9.70 | 0.54 | 5.69 g/dL | 0.15 | 0.04 |
| 6 | ALBUMIN | BCG - colorimetric | Any Analyser (Automation / Semi Automation) | 766 | 3.35 | 7.79 | 0.26 | 3.44 g/dL | 0.34 | 0.02 |
| 7 | CALCIUM | Arsenazo III | Any Analyser (Automation / Semi Automation) | 640 | 10.60 | 8.98 | 0.95 | 11.5 mg/dL | 0.95 | 0.08 |
| 8 | PHOSPHORUS | Molybdate UV / Phosphomolybdate complex | Any Analyser (Automation / Semi Automation) | 404 | 6.82 | 11.97 | 0.82 | 5.83 mg/dL | -1.21 | 0.08 |
| 9 | URIC ACID | Enzymatic / Uricase Colorimetric | Any Analyser (Automation / Semi Automation) | 748 | 6.25 | 13.83 | 0.86 | 5.8 mg/dL | -0.52 | 0.06 |
| 10 | CHOLESTEROL | CHOD-PAP | Any Analyser (Automation / Semi Automation) | 756 | 111.32 | 8.47 | 9.43 | 102 mg/dL | -0.99 | 0.69 |
| 11 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Any Analyser (Automation / Semi Automation) | 748 | 138.64 | 11.17 | 15.48 | 111 mg/dL | -1.79 | 1.13 |
| 12 | HDL | Direct method / Enzymatic colorimetric | Any Analyser (Automation / Semi Automation) | 496 | 27.84 | 14.72 | 4.10 | 18 mg/dL | -2.4 | 0.37 |
| 13 | SODIUM | OTHERS (Any Other Principles / Methods) | Any Analyser (Automation / Semi Automation) | 173 | 131.84 | 3.88 | 5.11 | 136 mmol/L | 0.81 | 0.78 |
| 14 | POTASSIUM | OTHERS (Any Other Principles / Methods) | Any Analyser (Automation / Semi Automation) | 178 | 4.29 | 6.18 | 0.26 | 4.97 mmol/L | 2.57 | 0.04 |
| 15 | CHLORIDE | OTHERS (Any Other Principles / Methods) | Any Analyser (Automation / Semi Automation) | 126 | 98.04 | 3.98 | 3.90 | 98.2 mmol/L | 0.04 | 0.70 |
| 16 | AST | UV kinetic(with & without PLP (P-5-P)) | Any Analyser (Automation / Semi Automation) | 687 | 38.71 | 14.68 | 5.68 | 24 U/L | -2.59 | 0.43 |
| 17 | ALT | UV kinetic(with & without PLP (P-5-P)) | Any Analyser (Automation / Semi Automation) | 632 | 273.06 | 19.96 | 54.49 | 209.64 U/L | -1.16 | 4.34 |
| 18 | ALP | PNP AMP kinetic | Any Analyser (Automation / Semi Automation) | 537 | 202.06 | 16.96 | 34.28 | 212 U/L | 0.29 | 2.96 |

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 :**SKY LAB DIAGNOSTIC SERVICES****S3 - 901, CLOUD-9 TOWER VAISHALI, 1 / 2 SECTOR-1, VAISHALI****GHAZIABAD****UTTAR PRADESH201019**

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss
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 *******