

LAB MONTHLY SUMMARY



Lab Name **NU HOSPITAL**

Lab No **14172**

Month **June**

Year **2021**

Constituent Group **Chemistry I**



Date of Result Entered : **14/06/2021**

Date of Report Published : **03/07/2021**

| SI.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) | 685 | 406.06 | 8.98 | 36.45 | 385 mg/dl | -0.58 | 2.79 |
| 2 | UREA | Urease UV / GLDH | Any Analyser (Automation / Semi Automation) | 551 | 24.95 | 13.42 | 3.35 | 32.1 mg/dl | 2.14 | 0.29 |
| 3 | CREATININE | Jaffes Kinetic - Alkaline picrate | Any Analyser (Automation / Semi Automation) | 455 | 5.08 | 11.49 | 0.58 | 5.66 mg/dl | 0.99 | 0.05 |
| 4 | T.BILIRUBIN | Diazonium salt (Colorimetric) / Jendrassik | Any Analyser (Automation / Semi Automation) | 530 | 1.16 | 19.90 | 0.23 | 1.06 mg/dl | -0.43 | 0.02 |
| 5 | T-PROTEIN | Biuret - Colorimetric | Any Analyser (Automation / Semi Automation) | 629 | 4.48 | 10.94 | 0.49 | 4.7 g/dl | 0.45 | 0.04 |
| 6 | ALBUMIN | BCG - colorimetric | Any Analyser (Automation / Semi Automation) | 636 | 2.75 | 10.72 | 0.30 | 2.68 g/dl | -0.24 | 0.02 |
| 7 | CALCIUM | Arsenazo III | Any Analyser (Automation / Semi Automation) | 490 | 9.12 | 9.01 | 0.82 | 8.64 mg/dl | -0.58 | 0.07 |
| 8 | PHOSPHORUS | Molybdate UV / Phosphomolybdate complex | Any Analyser (Automation / Semi Automation) | 329 | 3.28 | 15.15 | 0.50 | 3.6 mg/dl | 0.64 | 0.05 |
| 9 | URIC ACID | Enzymatic / Uricase Colorimetric | Any Analyser (Automation / Semi Automation) | 530 | 3.51 | 18.01 | 0.63 | 3.7 mg/dl | 0.30 | 0.05 |
| 10 | CHOLESTEROL | CHOD-PAP | Any Analyser (Automation / Semi Automation) | 660 | 94.73 | 10.00 | 9.48 | 92 mg/dl | -0.29 | 0.74 |
| 11 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Any Analyser (Automation / Semi Automation) | 626 | 84.23 | 13.70 | 11.54 | 86 mg/dl | 0.15 | 0.92 |
| 12 | HDL CHO | Direct method / Enzymatic colorimetric | Any Analyser (Automation / Semi Automation) | 407 | 23.45 | 17.82 | 4.18 | 22 mg/dl | -0.35 | 0.41 |
| 13 | SODIUM | ISE - Direct | Any Analyser (Automation / Semi Automation) | 558 | 119.11 | 4.35 | 5.18 | 112 mmol/L | -1.37 | 0.44 |
| 14 | POTASSIUM | ISE - Direct | Any Analyser (Automation / Semi Automation) | 559 | 2.81 | 5.91 | 0.17 | 2.72 mmol/L | -0.54 | 0.01 |
| 15 | CHLORIDE | ISE - Direct | Any Analyser (Automation / Semi Automation) | 426 | 87.50 | 6.50 | 5.68 | 81 mmol/L | -1.14 | 0.55 |
| 16 | BICARBONATE | Enzymatic - PEPC (Phosphoenolpyruvate) | Any Analyser (Automation / Semi Automation) | 156 | 19.86 | 16.73 | 3.32 | 20.5 mmol/L | 0.19 | 0.53 |
| 17 | AST | UV kinetic without PLP (P-5-P) | Any Analyser (Automation / Semi Automation) | 354 | 29.64 | 15.46 | 4.58 | 22 U/L | -1.67 | 0.49 |
| 18 | ALT | UV kinetic without PLP (P-5-P) | Any Analyser (Automation / Semi Automation) | 293 | 224.12 | 20.12 | 45.10 | 205 U/L | -0.42 | 5.27 |
| 19 | ALP | PNP AMP kinetic | Any Analyser (Automation / Semi Automation) | 406 | 106.78 | 18.01 | 19.23 | 106.9 U/L | 0.01 | 1.91 |

| SDI Range | Interpretation |
|----------------------|--|
| Within -1.0 to +1.0 | Excellent. |
| Between ±1.0 to ±2.0 | Good. |
| Between ±2.0 to ±3.0 | Accept with caution. Warning Signal. |
| Beyond ±3.0 | Unacceptable performance. Action Signal. |

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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