

LAB MONTHLY SUMMARY

Lab Name DR.SATAV'S PATHOLOGY LABORATORY Lab No 2438
 Month July Year 2020
 Constituent Group Chemistry I

Date of Result Entered : 03/07/2020

Date of Report Published : 14/08/2020

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV | Participants | | Your Value | SDI | U |
|-------|--------------|---|------------------------------------|--------------------|--------|--------------|-------|------------|-------|------|
| | | | | | | CV | SD | | | |
| 1 | GLUCOSE | HEXOKINASE | Beckman AU480/680/5800/DXC700AU | 114 | 410.46 | 4.71 | 19.32 | 430 mg/dl | 1.01 | 3.62 |
| 2 | UREA | UREASE UV / GLDH | Beckman AU480/680/5800/DXC700AU | 157 | 94.87 | 5.08 | 4.82 | 99.8 mg/dl | 1.02 | 0.77 |
| 3 | CREATININE | ENZYMATIC COLORIMETRIC | Beckman AU480/680/5800/DXC700AU | 25 | 0.75 | 20.11 | 0.15 | 0.82 mg/dl | 0.46 | 0.06 |
| 4 | T.BILIRUBIN | DIAZONIUM SALT (Colorimetric) JENDRASSIK | Beckman AU480/680/5800/DXC700AU | 139 | 4.30 | 3.95 | 0.17 | 4.3 mg/dl | 0.00 | 0.03 |
| 5 | T-PROTEIN | BIURET - colorimetric | Beckman AU480/680/5800/DXC700AU | 153 | 4.84 | 5.27 | 0.26 | 4.9 g/dl | 0.24 | 0.04 |
| 6 | ALBUMIN | BCG - colorimetric | Beckman AU480/680/5800/DXC700AU | 148 | 2.97 | 4.37 | 0.13 | 3 g/dl | 0.23 | 0.02 |
| 7 | CALCIUM | ARSENazo III | Beckman AU480/680/5800/DXC700AU | 119 | 11.38 | 2.90 | 0.33 | 11.6 mg/dl | 0.67 | 0.06 |
| 8 | PHOSPHORUS | Molybdate UV/ Phosphomolybdate complex | Transasia / Erba | 239 | 3.55 | 9.98 | 0.35 | 3.9 mg/dl | 0.99 | 0.05 |
| 9 | URIC ACID | ENZYMATIC / URICASE Colorimetric | Beckman AU480/680/5800/DXC700AU | 150 | 7.28 | 4.08 | 0.30 | 7.4 mg/dl | 0.40 | 0.05 |
| 10 | CHOLESTEROL | CHOD-PAP | Beckman AU480/680/5800/DXC700AU | 148 | 101.27 | 5.83 | 5.91 | 106 mg/dl | 0.80 | 0.97 |
| 11 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Beckman AU480/680/5800/DXC700AU | 150 | 225.22 | 6.39 | 14.39 | 238 mg/dl | 0.89 | 2.35 |
| 12 | HDL CHO | DIRECT METHOD / Enzymatic colorimetric | Beckman AU480/680/5800/DXC700AU | 122 | 23.24 | 6.72 | 1.56 | 20 mg/dl | -2.07 | 0.28 |
| 13 | SODIUM | ISE - Indirect | Any Analyser | 928 | 140.81 | 3.28 | 4.62 | 152 mmol/L | 2.42 | 0.30 |
| 14 | POTASSIUM | ISE - Indirect | Any Analyser | 930 | 3.02 | 5.95 | 0.18 | 3.4 mmol/L | 2.11 | 0.01 |
| 15 | CHLORIDE | ISE - Indirect | Any Analyser | 677 | 108.87 | 5.34 | 5.81 | 108 mmol/L | -0.15 | 0.45 |
| 16 | AST | UV-Kinetic with PLP (P-5-P) | Beckman AU480/680/5800/DXC700AU | 64 | 229.28 | 11.78 | 27.01 | 250 U/L | 0.77 | 6.75 |
| 17 | ALT | UV-Kinetic with PLP (P-5-P) | Beckman AU480/680/5800/DXC700AU | 60 | 135.55 | 15.17 | 20.57 | 150 U/L | 0.70 | 5.31 |
| 18 | ALP | PNP AMP KINETIC | Beckman AU480/680/5800/DXC700AU | 143 | 65.26 | 13.51 | 8.82 | 69 U/L | 0.42 | 1.47 |
| 19 | AMYLASE | CNPG3 | Any Analyser | 630 | 39.27 | 23.01 | 9.04 | 32 U/L | -0.80 | 0.72 |
| 20 | IRON | FERRENE (No Protein Removal) | Any Analyser | 48 | 123.55 | 11.26 | 13.91 | 99 ug/dl | -1.77 | 4.01 |
| 21 | MAGNESIUM | XYLIDYL BLUE | Transasia / Erba | 64 | 1.95 | 17.16 | 0.34 | 1.9 mg/dl | -0.15 | 0.08 |

| 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. |

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Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

External Quality Assurance Scheme - Print Monthly Summary

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***** End of Report *****