

VIEW LAB MONTHLY SUMMARY

Lab Name **APOLLO HOSPITAL**

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Lab No **5931**

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Month **March**

[Detail about SDI](#)

Year **2020**

Constituent Group **Chemistry I**

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Date of Result Entered : 18/03/2020

Date of Report Published : 11/04/2020

| Sl.No | Analyte | Method / Principle Name | Analyzer Name | No of Participants | DV | Participants | | Your Value | SDI | U |
|-------|--------------|--|------------------|--------------------|--------|--------------|-------|------------|--------|------|
| | | | | | | CV | SD | | | |
| 1 | GLUCOSE | GOD-POD | Randox rX Series | 50 | 336.13 | 7.42 | 24.96 | 299 mg/dl | -1.49 | 7.06 |
| 2 | UREA | UREASE UV / GLDH | Randox rX Series | 51 | 52.88 | 7.23 | 3.82 | 6.1 mg/dl | -12.24 | 1.07 |
| 3 | CREATININE | ENZYMATIC COLORIMETRIC | Randox rX Series | 14 | 2.81 | 7.14 | 0.20 | 2.6 mg/dl | -1.04 | 0.11 |
| 4 | T.BILIRUBIN | DIAZONIUM SALT (Colorimetric) /JENDRASSIK | Randox rX Series | 39 | 2.30 | 11.76 | 0.27 | 1.9 mg/dl | -1.48 | 0.09 |
| 5 | T-PROTEIN | BIURET - colorimetric | Randox rX Series | 49 | 4.79 | 6.68 | 0.32 | 5 g/dl | 0.66 | 0.09 |
| 6 | ALBUMIN | BCG - colorimetric | Randox rX Series | 47 | 2.95 | 4.40 | 0.13 | 3.26 g/dl | 2.38 | 0.04 |
| 7 | CALCIUM | ARSENazo III | Randox rX Series | 37 | 8.04 | 4.23 | 0.34 | 7.8 mg/dl | -0.71 | 0.11 |
| 8 | PHOSPHORUS | Molybdate UV/ Phosphomolybdate complex | Randox rX Series | 27 | 2.41 | 11.68 | 0.28 | 2.8 mg/dl | 1.38 | 0.11 |
| 9 | URIC ACID | ENZYMATIC / URICASE Colorimetric | Randox rX Series | 50 | 2.77 | 9.14 | 0.25 | 2.2 mg/dl | -2.25 | 0.07 |
| 10 | CHOLESTEROL | CHOD-PAP | Randox rX Series | 49 | 103.76 | 7.68 | 7.97 | 104 mg/dl | 0.03 | 2.28 |
| 11 | TRIGLYCERIDE | GPO-PAP / Enzymatic Colorimetric / End Point | Randox rX Series | 49 | 106.52 | 7.52 | 8.01 | 88 mg/dl | -2.31 | 2.29 |

| | | | | | | | | | | |
|----|-----------|--|---|-----|--------|-------|-------|--------------|-------|------|
| 12 | HDL CHO | DIRECT METHOD / Enzymatic colorimetric | Randox rX Series | 36 | 20.83 | 10.91 | 2.27 | 17.8 mg/dl | -1.33 | 0.76 |
| 13 | SODIUM | ISE - Indirect | Roche C111,C311,Integra 400 plus,C501, C502 ,C702 | 227 | 130.31 | 3.99 | 5.20 | 131.7 mmol/L | 0.27 | 0.69 |
| 14 | POTASSIUM | ISE - Indirect | Roche C111,C311,Integra 400 plus,C501, C502 ,C702 | 225 | 2.61 | 6.17 | 0.16 | 2.7 mmol/L | 0.56 | 0.02 |
| 15 | CHLORIDE | ISE - Indirect | Roche C111,C311,Integra 400 plus,C501, C502 ,C702 | 174 | 90.42 | 3.92 | 3.54 | 94.4 mmol/L | 1.12 | 0.54 |
| 16 | ALP | PNP - (Based on DGKC) | OTHERS (Any other Analyzer) | 141 | 180.74 | 20.49 | 37.03 | 162 U/L | -0.51 | 6.24 |
| 17 | CPK | NAC ACTIVATED | Randox rX Series | 11 | 44.29 | 17.41 | 7.71 | 2.6 U/L | -- | 4.65 |
| 18 | MAGNESIUM | XYLIDYL BLUE | OTHERS (Any other Analyzer) | 119 | 2.37 | 13.58 | 0.32 | 1.9 mg/dl | -1.46 | 0.06 |

| 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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