

BIO-CHEMISTRY-02

ALL METHOD REPORT

Lab Code: 3553

**Cycle - 13/2024
Round No - 06**

Date: 29.06.2024

| Parameters | Units | No. of Participants | Robust Mean | Robust Standard deviation (SD) | Uncertainty of Assign Values | Range (± 2 SD) | Your Value | Z Score |
|----------------------|-------|---------------------|-------------|--------------------------------|------------------------------|----------------|------------|---------|
| Albumin | g/dL | 112 | 3.0 | 0.2 | 0.02 | 2.5-3.4 | 3.2 | 1.0 |
| Alkaline Phosphatase | U/L | 109 | 333.5 | 43.4 | 5.20 | 246.8-420.3 | *483 | 3.4 |
| Bilirubin (Total) | mg/dL | 112 | 5.2 | 0.5 | 0.06 | 4.2-6.3 | 6.2 | 2.0 |
| Calcium (Total) | mg/dL | 104 | 12.4 | 0.4 | 0.05 | 11.5-13.2 | *3.5 | -22.3 |
| Cholesterol (Total) | mg/dL | 111 | 277.2 | 18.5 | 2.19 | 240.2-314.3 | 283 | 0.3 |
| Creatinine | mg/dL | 112 | 4.5 | 0.3 | 0.04 | 3.9-5.0 | *3.5 | -3.3 |
| Glucose | mg/dL | 111 | 276.7 | 11.7 | 1.39 | 253.2-300.2 | 275 | -0.1 |
| HDL | mg/dL | 107 | 104.1 | 10.9 | 1.32 | 82.3-125.9 | 87.9 | -1.5 |
| Potassium | mEq/L | 91 | 5.8 | 0.3 | 0.04 | 5.1-6.4 | . | - |
| Protein (Total) | g/dl | 110 | 4.7 | 0.4 | 0.05 | 3.9-5.5 | 4.7 | 0.0 |
| Sodium | mEq/L | 92 | 154.4 | 4.5 | 0.59 | 145.3-163.5 | . | - |
| SGPT/ALT | U/L | 112 | 133.3 | 10.4 | 1.23 | 112.5-154.2 | 114 | -1.9 |
| SGOT/AST | U/L | 112 | 143.0 | 13.4 | 1.58 | 116.2-169.8 | 129 | -1.0 |
| Triglyceride | mg/dL | 111 | 255.2 | 13.9 | 1.65 | 227.4-282.9 | 256 | 0.1 |
| Urea | mg/dL | 112 | 118.5 | 7.1 | 0.84 | 104.2-132.8 | 113 | -0.8 |
| Uric Acid | mg/dl | 109 | 9.4 | 0.7 | 0.08 | 8.0-10.9 | 8.8 | -0.9 |
| Chloride | mEq/L | 86 | 112.7 | 5.0 | 0.67 | 102.7-122.8 | . | - |
| Phosphorus | mg/dL | 74 | 6.9 | 0.3 | 0.04 | 6.3-7.5 | . | - |
| Magnesium | mg/dl | 25 | 4.0 | 0.6 | 0.15 | 2.9-5.1 | . | - |
| Iron | µg/dL | 57 | 213.0 | 16.5 | 2.73 | 180.0-246.0 | . | - |
| Amylase | U/L | 60 | 275.0 | 20.8 | 3.36 | 233.4-316.7 | . | - |
| CK | U/L | 24 | 489.4 | 59.7 | 15.23 | 370.1-608.7 | . | - |

Interpretation of Z Score :

| Z Score Value(+/-) | [Z] ≤ 2.0 | 2.0 < [Z] < 3.0 | [Z] ≥ 3.0 |
|--------------------|---------------------------------------|--------------------------------|--|
| Interpretation | Satisfactory Performance No signal | Questionable Warning Signal | Unsatisfactory Performance action Signal |

| Legends | (*) Excluded From Group Mean | {,} Not Reported | (#)Late Result Submission | (\$)Reported in other Unit |
|---------|------------------------------|------------------|---------------------------|----------------------------|
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Chief Coordinator



Dr.Sanjay Mehrotra

Programme Director



Dr.Bandana Mehrotra

Prepared by: I.S

Checked By: 

Doc. No.: ASS / FR / 03A / R 01 / Dt.: 05.01.2022



Address: B-171, Nirala Nagar, Lucknow-226020
Ph.4034100-130 (30 Lines), 4077180 | Email: qap@rmlqap.com

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