

Blood Analysis Report

Medix
Healthcare

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|-----------|----------------|---------------|-----------------------------|
| Physician | Dr. Jane Smith | Test Location | Medix Healthcare Laboratory |
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Patient Demographics

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|--------------|--|---------------|--|
| Patient ID | | Gender | |
| Patient Name | | Date of Birth | |

Test Summary

Complete Blood Count (CBC)

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|------------|-----------|------------------------|------------------------|
| Hemoglobin | 15.2 g/dL | White Blood Cell Count | 5,800 cells/ μ L |
| Hematocrit | 45% | Platelet Count | 320,000 cells/ μ L |

Lipid Panel

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|-------------------------|-----------|--------------------------|-----------|
| Total Cholesterol | 210 mg/dL | High-Density Lipoprotein | 55 mg/dL |
| Low-Density Lipoprotein | 130 mg/dL | Triglycerides | 140 mg/dL |

Blood Glucose Level

| | |
|-----------------|----------|
| Fasting Glucose | 88 mg/dL |
|-----------------|----------|

Comprehensive Metabolic Panel (CMP)

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|-------------|------------|---------------------------|-----------|
| Sodium | 139 mmol/L | Blood Urea Nitrogen (BUN) | 16 mg/dL |
| Potassium | 4.1 mmol/L | Creatinine | 1.1 mg/dL |
| Chloride | 102 mmol/L | Glucose | 90 mg/dL |
| Bicarbonate | 23 mmol/L | Calcium | 9.4 mg/dL |

Interpretation

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|---------------|---|
| CBC | All values within normal limits, indicating no signs of anemia or infection. |
| Lipid Panel | Total cholesterol and LDL levels are elevated; lifestyle modifications are recommended. |
| Blood Glucose | Normal fasting glucose level indicates good glycemic control. |
| CMP | All parameters are within normal limits, indicating proper kidney and metabolic function. |

Recommendations

- Consider dietary changes to lower cholesterol levels.
- Follow up in 6 months for repeat testing and monitoring.

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