

| John Doe                           | Result                    | Reference Range                 | Remarks                               |
|------------------------------------|---------------------------|---------------------------------|---------------------------------------|
| <b>Complete Blood Count (CBC)</b>  |                           |                                 |                                       |
| White Blood Cells (WBC)            | 3.0 x 10 <sup>9</sup> /L  | 4.0 - 11.0 x 10 <sup>9</sup> /L | Low<br>(Leukopenia)                   |
| Red Blood Cells (RBC)              | 4.0 x 10 <sup>12</sup> /L | 4.5 - 5.9 x 10 <sup>12</sup> /L | Low                                   |
| Hemoglobin (Hgb)                   | 10.0 g/dL                 | 13.0 - 17.5 g/dL                | Low<br>(Anemia)                       |
| Hematocrit (Hct)                   | 30.0%                     | 38.0 - 50.0%                    | Low<br>Low<br>(Thrombocytopenia)      |
| Platelets (Plt)                    | 100 x 10 <sup>9</sup> /L  | 150 - 400 x 10 <sup>9</sup> /L  |                                       |
| <b>Basic Metabolic Panel (BMP)</b> |                           |                                 |                                       |
| Sodium (Na)                        | 130 mmol/L                | 135 - 145 mmol/L                | Low<br>(Hyponatremia)                 |
| Potassium (K)                      | 3.0 mmol/L                | 3.5 - 5.0 mmol/L                | Low<br>(Hypokalemia)                  |
| Chloride (Cl)                      | 95 mmol/L                 | 98 - 107 mmol/L                 | Low                                   |
| Bicarbonate (HCO <sub>3</sub> )    | 18 mmol/L                 | 22 - 29 mmol/L                  | Low<br>(Metabolic Acidosis)           |
| Blood Urea Nitrogen (BUN)          | 25 mg/dL                  | 7 - 20 mg/dL                    | High                                  |
| Creatinine                         | 2.0 mg/dL                 | 0.6 - 1.2 mg/dL                 | High<br>(Possible Kidney Dysfunction) |
| Glucose                            | 150 mg/dL                 | 70 - 99 mg/dL                   | High<br>(Hyperglycemia)               |
| <b>Liver Function Tests (LFTs)</b> |                           |                                 |                                       |
| Alanine Aminotransferase (ALT)     | 100 U/L                   | 7 - 56 U/L                      | High<br>(Liver Dysfunction)           |

|                                     |           |                 |                                    |
|-------------------------------------|-----------|-----------------|------------------------------------|
| Aspartate<br>Aminotransferase (AST) | 80 U/L    | 10 - 40 U/L     | High<br>(Liver<br>Dysfuncti<br>on) |
| Alkaline Phosphatase<br>(ALP)       | 200 U/L   | 44 - 147 U/L    | High                               |
| Total Bilirubin                     | 3.0 mg/dL | 0.1 - 1.2 mg/dL | High<br>(Jaundice)                 |