|  |  |  |
| --- | --- | --- |
| **Complete Blood Count** | | |
| **Parameter** | **Results** | **Reference range** |
| Hemoglobin | 11.4g/dl | Male-13.5-18g/dl Female-12-16g/dl |
| Packed cell volume- | 33% | Males-38.3-48.6% Females-35.5-44.9% |
| Total leukocyte count | 9900 /µL | 4500-11000/µL |
| Differential leucocyte count | Neutrophil-65%, Lymphocyte-33%, Eosinophils- 1% | Neutrophils-(55-70%) Lymphocytes-(20-40%) Eosinophils- (1-4%) |
| Platelet | 2.4 lakhs | 1.5-4.5 lakhs |
| **Liver Function Test** | | |
| **Parameter** | **Results** | **Reference range** |
| Alanine Aminotransferase (ALT) | 28 U/L | 7 – 56 U/L |
| Aspartate Aminotransferase (AST) | 20 U/L | 8 – 33 U/L |
| Alkaline Phosphatase | 58 U/L | 44 -147 U/L |
| Total Bilirubin | 0.8 mg/dL | 0.1 -1.2 mg/dL |
| Total Bilirubin | 0.5 mg/dL | 0.1 – 1.2 mg/dL |
| Albumin | 3.8 g/dL | 3.4 -5.4 g/dL |
| Total Protein | 6.8 g/dL | 6.0 – 8.3 g/dL |
| Gamma-Glutamyl Transferase (GGT) | 48 U/L | 5 - 50 U/L |
| **Kidney Function Test** | | |
| **Parameter** | **Results** | **Reference range** |
| Blood Urea Nitrogen (BUN) | 14 mg/dL | 7 – 20 mg/dL |
| Creatinine | 0.8 mg/dL | 0.6 – 1.2 mg/dL |
| Estimated Glomerular Filtration Rate (eGFR) | 90Ml/min/1.73 m2 | 90 – 125 mL/min/1.73m² |
| Uric Acid | 3.8 mg/dL | 3.5 -7.0 mg/dL |
| Sodium Na | 138 mmol/L | 135 – 145 mmol/L |
| Potassium K | 3.9 mmol/L | 3.6 -5.2 mmol/L |
| Chloride Cl | 101 mmol/L | 96 – 106 mmol/L |
| Bicarbonate HCO3 | 24 mmol/L | 22 – 32 mmol/L |

**Table 1: Laboratory parameters of the patient.**