

**Patient Information:**

Name: Stanford Uni

Age: 19 years

Gender: Female

Descent: White/Caucasian

Date: 11/27/2023

**Lab Test Results:****Complete Blood Count (CBC):**

White Blood Cell Count: 6.5 Thousand/uL (Reference: 4.5-11.0 Thousand/uL)

Red Blood Cell Count: 4.2 Million/uL (Reference: 3.8-5.2 Million/uL)

Hemoglobin: 11.0 g/dL (Low - Reference: 12.0-16.0 g/dL for females)

Hematocrit: 34% (Low - Reference: 37%-47% for females)

MCV: 86 fL (Reference: 80-100 fL)

MCH: 28 pg (Reference: 27-32 pg)

MCHC: 32 g/dL (Reference: 32-36 g/dL)

RDW: 12.5% (Reference: 11.5-14.5%)

Platelet Count: 250 Thousand/uL (Reference: 150-400 Thousand/uL)

**Basic Metabolic Panel (BMP):**

Glucose: 90 mg/dL (Reference: 65-99 mg/dL)

Calcium: 9.2 mg/dL (Reference: 8.6-10.2 mg/dL)

Sodium: 142 mEq/L (Reference: 135-145 mEq/L)

Potassium: 4.1 mEq/L (Reference: 3.5-5.1 mEq/L)

Bicarbonate: 25 mEq/L (Reference: 22-29 mEq/L)

Chloride: 101 mEq/L (Reference: 98-107 mEq/L)

BUN (Blood Urea Nitrogen): 12 mg/dL (Reference: 6-20 mg/dL)

Creatinine: 0.8 mg/dL (Reference: 0.5-1.1 mg/dL)

**Lipid Panel:**

Cholesterol, Total: 180 mg/dL (Reference: <200 mg/dL)

HDL Cholesterol: 60 mg/dL (Reference: >50 mg/dL)

LDL Cholesterol: 100 mg/dL (Reference: <130 mg/dL)

Triglycerides: 100 mg/dL (Reference: <150 mg/dL)

**Thyroid Panel:**

TSH: 2.5 mIU/L (Reference: 0.5-5.0 mIU/L)

Free T4: 1.2 ng/dL (Reference: 0.9-1.7 ng/dL)

**Comprehensive Metabolic Panel (CMP):**

Albumin: 4.5 g/dL (Reference: 3.5-5.5 g/dL)

Total Protein: 7.0 g/dL (Reference: 6.0-8.5 g/dL)

Bilirubin: 0.5 mg/dL (Reference: 0.1-1.2 mg/dL)

Alkaline Phosphatase: 70 IU/L (Reference: 40-115 IU/L)

AST: 20 IU/L (Reference: 10-35 IU/L)

ALT: 18 IU/L (Reference: 10-35 IU/L)