

SECTION 1: PATIENT DEMOGRAPHICS

| | | | |
|-----------------------------------|--|------------------------|----------------------------|
| PATIENT ID nhanes_80111 | AGE 18 | SEX F | BMI N/A |
| SOURCE DATASET nhanes | TRUE DIAGNOSIS population_survey | ICD-10 Z00.0 | CATEGORY Healthy |

SECTION 2: PREDICTION

HEALTHYConfidence: **98.0%** · High (>80%)**✓ CORRECT**

| CATEGORY | PROBABILITY |
|----------------------|-------------|
| Healthy | 98.0% |
| Systemic Autoimmune | 1.6% |
| Endocrine Autoimmune | 0.3% |
| Gastrointestinal | 0.1% |

SECTION 3: LAB PANEL

| MARKER | VALUE | UNIT | REF RANGE | FLAG | Z-SCORE |
|------------|-------|---------------------------|------------|---------|---------|
| WBC | 6 | $\times 10^3/\mu\text{L}$ | 4.5–11.0 | N | -0.43 |
| RBC | 4.35 | $\times 10^6/\mu\text{L}$ | 4.2–5.4 | N | -0.49 |
| Hemoglobin | 12.2 | g/dL | 12.0–17.5 | N | -0.54 |
| Hematocrit | 36.7 | % | 37.0–52.0 | L | -0.39 |
| Platelets | 271 | $\times 10^3/\mu\text{L}$ | 150–400 | N | -0.14 |
| MCV | 84.4 | fL | 80.0–100.0 | N | 0.09 |
| MCH | 33.2 | pg | 27.0–33.0 | H | -0.42 |
| RDW | 12.8 | % | 11.5–14.5 | N | -0.27 |
| ESR | — | mm/hr | — | MISSING | — |
| CRP | — | mg/dL | — | MISSING | — |

SECTION 5: CLINICAL INTERPRETATION

Summary

No autoimmune pattern detected (98% confidence). Lab values fall within normal ranges across all monitored markers.

Patient-Friendly Explanation

Your results look healthy. Your lab values are within normal ranges and do not show patterns associated with autoimmune conditions.

Recommended Action: Routine follow-up with primary care physician.