

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

HEALTHY

Confidence: 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	×10 <sup>3</sup> /μL	4.5–11.0	N	-0.43
RBC	4.35	×10 <sup>12</sup> /μL	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	×10 <sup>3</sup> /μL	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.**