

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID nhanes_79611	AGE 35	SEX M	BMI N/A
SOURCE DATASET nhanes	TRUE DIAGNOSIS population_survey	ICD-10 Z00.0	CATEGORY Healthy

SECTION 2: PREDICTION

HEALTHYConfidence: **89.9%** · High (>80%)**✓ CORRECT**

CATEGORY	PROBABILITY
Healthy	89.9%
Systemic Autoimmune	5.7%
Gastrointestinal	2.4%
Endocrine Autoimmune	2.0%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	4.6	$\times 10^3/\mu\text{L}$	4.5–11.0	N	-0.89
RBC	4.56	$\times 10^3/\mu\text{L}$	4.2–5.4	N	-0.89
Hemoglobin	14.1	g/dL	12.0–17.5	N	-0.77
Hematocrit	41.1	%	37.0–52.0	N	-0.95
Platelets	218	$\times 10^3/\mu\text{L}$	150–400	N	-0.13
MCV	90.7	fL	80.0–100.0	N	0.32
MCH	34.5	pg	27.0–33.0	H	0.42
RDW	12.4	%	11.5–14.5	N	-0.70
ESR	—	mm/hr	—	MISSING	—
CRP	—	mg/dL	—	MISSING	—

SECTION 5: CLINICAL INTERPRETATION

Summary

No autoimmune pattern detected (90% 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.