

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID nhanes_70805	AGE 55	SEX F	BMI N/A
SOURCE DATASET nhanes	TRUE DIAGNOSIS population_survey	ICD-10 Z00.0	CATEGORY Healthy

SECTION 2: PREDICTION

HEALTHYConfidence: **77.3%** · Moderate (60–80%)**✓ CORRECT**

CATEGORY	PROBABILITY
Healthy	77.3%
Systemic Autoimmune	12.9%
Endocrine Autoimmune	5.9%
Gastrointestinal	3.9%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	4.9	$\times 10^3/\mu\text{L}$	4.5–11.0	N	-0.67
RBC	4.7	$\times 10^3/\mu\text{L}$	4.2–5.4	N	0.40
Hemoglobin	13.5	g/dL	12.0–17.5	N	0.07
Hematocrit	40.8	%	37.0–52.0	N	0.22
Platelets	239	$\times 10^3/\mu\text{L}$	150–400	N	-0.09
MCV	86.8	fL	80.0–100.0	N	-0.35
MCH	33.2	pg	27.0–33.0	H	-0.31
RDW	12.1	%	11.5–14.5	N	-1.00
ESR	—	mm/hr	—	MISSING	—
CRP	—	mg/dL	—	MISSING	—

SECTION 5: CLINICAL INTERPRETATION

Summary

No autoimmune pattern detected (77% 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.