

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID nhanes_80310	AGE 18	SEX M	BMI N/A
SOURCE DATASET nhanes	TRUE DIAGNOSIS population_survey	ICD-10 Z00.0	CATEGORY Healthy

SECTION 2: PREDICTION

HEALTHYConfidence: **97.6%** · High (>80%)**✓ CORRECT**

CATEGORY	PROBABILITY
Healthy	97.6%
Systemic Autoimmune	1.7%
Endocrine Autoimmune	0.6%
Gastrointestinal	0.1%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	4.1	$\times 10^3/\mu\text{L}$	4.5–11.0	L	-1.00
RBC	5.01	$\times 10^3/\mu\text{L}$	4.2–5.4	N	0.48
Hemoglobin	15.4	g/dL	12.0–17.5	N	1.22
Hematocrit	42.6	%	37.0–52.0	N	0.68
Platelets	280	$\times 10^3/\mu\text{L}$	150–400	N	0.10
MCV	84.9	fL	80.0–100.0	N	0.26
MCH	35.9	pg	27.0–33.0	H	1.67
RDW	12.5	%	11.5–14.5	N	-0.64
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.