

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID nhanes_92269	AGE 80	SEX F	BMI N/A
SOURCE DATASET nhanes	TRUE DIAGNOSIS autoimmune_thyroiditis	ICD-10 E06.3	CATEGORY Endocrine

SECTION 2: PREDICTION

HEALTHYConfidence: **42.6%** · Low (<60%)**X INCORRECT**

CATEGORY	PROBABILITY
Healthy	42.6%
Systemic Autoimmune	36.8%
Endocrine Autoimmune	14.5%
Gastrointestinal	6.1%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	13.1	$\times 10^3/\mu\text{L}$	4.5–11.0	H	2.67
RBC	4.55	$\times 10^3/\mu\text{L}$	4.2–5.4	N	0.27
Hemoglobin	10.5	g/dL	12.0–17.5	L	-1.87
Hematocrit	33.4	%	37.0–52.0	L	-1.40
Platelets	329	$\times 10^3/\mu\text{L}$	150–400	N	1.38
MCV	73.4	fL	80.0–100.0	L	-2.66
MCH	31.5	pg	27.0–33.0	N	-1.67
RDW	18.7	%	11.5–14.5	H	3.92
ESR	—	mm/hr	—	MISSING	—
CRP	31.1	mg/dL	0.0–1.0	H	9.95

SECTION 5: CLINICAL INTERPRETATION

Summary

No autoimmune pattern detected (43% 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.