

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID nhanes_90119	AGE 61	SEX F	BMI N/A
SOURCE DATASET nhanes	TRUE DIAGNOSIS celiac_disease	ICD-10 K90.0	CATEGORY Gastrointestinal

SECTION 2: PREDICTION

HEALTHYConfidence: **58.6%** · Low (<60%)**X INCORRECT**

CATEGORY	PROBABILITY
Healthy	58.6%
Systemic Autoimmune	29.4%
Endocrine Autoimmune	7.3%
Gastrointestinal	4.8%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	5.8	$\times 10^3/\mu\text{L}$	4.5–11.0	N	-0.38
RBC	5.05	$\times 10^3/\mu\text{L}$	4.2–5.4	N	1.18
Hemoglobin	13	g/dL	12.0–17.5	N	-0.20
Hematocrit	41	%	37.0–52.0	N	0.29
Platelets	280	$\times 10^3/\mu\text{L}$	150–400	N	0.71
MCV	81.1	fL	80.0–100.0	N	-1.45
MCH	31.9	pg	27.0–33.0	N	-1.33
RDW	14.8	%	11.5–14.5	H	0.92
ESR	—	mm/hr	—	MISSING	—
CRP	12.7	mg/dL	0.0–1.0	H	3.65

SECTION 5: CLINICAL INTERPRETATION

Summary

No autoimmune pattern detected (59% 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.