

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID	AGE	SEX	BMI
harvard_00227	43	F	N/A
SOURCE DATASET	TRUE DIAGNOSIS	ICD-10	CATEGORY
harvard	Rheumatoid Arthritis	M06.9	Systemic

SECTION 2: PREDICTION

SYSTEMIC AUTOIMMUNE

Confidence: 95.8% · High (>80%)

✓ CORRECT

CATEGORY	PROBABILITY
Systemic Autoimmune	95.8%
Healthy	3.7%
Endocrine Autoimmune	0.3%
Gastrointestinal	0.2%

Predicted Disease: Reactive Arthritis Disease Confidence: 77.1%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	—	×10 ³ /μL	—	MISSING	—
RBC	—	×10 ⁶ /μL	—	MISSING	—
Hemoglobin	—	g/dL	—	MISSING	—
Hematocrit	—	%	—	MISSING	—
Platelets	—	×10 ³ /μL	—	MISSING	—
MCV	—	fL	—	MISSING	—
MCH	—	pg	—	MISSING	—
RDW	—	%	—	MISSING	—
ESR	34	mm/hr	0.0–20.0	H	—
CRP	12.7	mg/dL	0.0–1.0	H	3.26

SECTION 4: AUTOANTIBODY PANEL

MARKER	RESULT
ANA	Negative
Anti-dsDNA	Negative

HLA-B27	Positive
Anti-Sm	Not Tested
Anti-Ro/SSA	Not Tested
Anti-La/SSB	Positive
RF	29.8 IU/mL
Anti-CCP	Not Tested
C3	162.0 mg/dL
C4	53.0 mg/dL

SECTION 5: CLINICAL INTERPRETATION

Summary

Systemic autoimmune pattern detected (96% confidence). Findings are consistent with systemic inflammation — consider evaluation for lupus, rheumatoid arthritis, Sjögren's syndrome, or related conditions.

Patient-Friendly Explanation

Your results suggest patterns seen in conditions like lupus or rheumatoid arthritis. These are treatable — early evaluation matters.

Recommended Action: Referral to Rheumatology. Consider: ANA panel, anti-dsDNA, RF, anti-CCP, complement levels (C3/C4), joint X-rays.