

## SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID <b>harvard_08670</b>	AGE <b>28</b>	SEX <b>F</b>	BMI <b>N/A</b>
SOURCE DATASET <b>harvard</b>	TRUE DIAGNOSIS <b>Systemic Lupus Erythematosus</b>	ICD-10 <b>M32.9</b>	CATEGORY <b>Systemic</b>

## SECTION 2: PREDICTION

**SYSTEMIC AUTOIMMUNE**Confidence: **70.5%** · Moderate (60–80%)**✓ CORRECT**

CATEGORY	PROBABILITY
Systemic Autoimmune	70.5%
Healthy	28.2%
Endocrine Autoimmune	0.8%
Gastrointestinal	0.5%

**Predicted Disease:** Sjögren's Syndrome **Disease Confidence:** 44.7%

## SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	—	$\times 10^3/\mu\text{L}$	—	MISSING	—
RBC	—	$\times 10^3/\mu\text{L}$	—	MISSING	—
Hemoglobin	—	g/dL	—	MISSING	—
Hematocrit	—	%	—	MISSING	—
Platelets	—	$\times 10^3/\mu\text{L}$	—	MISSING	—
MCV	—	fL	—	MISSING	—
MCH	—	pg	—	MISSING	—
RDW	—	%	—	MISSING	—
ESR	9	mm/hr	0.0–20.0	N	—
CRP	2.5	mg/dL	0.0–1.0	H	0.32

## SECTION 4: AUTOANTIBODY PANEL

MARKER	RESULT
ANA	Not Tested

Anti-dsDNA	Positive
HLA-B27	Positive
Anti-Sm	Positive
Anti-Ro/SSA	Negative
Anti-La/SSB	Positive
RF	28.5 IU/mL
Anti-CCP	24.7 U/mL
C3	83.0 mg/dL
C4	6.0 mg/dL

## SECTION 5: CLINICAL INTERPRETATION

### Summary

Systemic autoimmune pattern detected (71% 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.