

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID import_sdy625_156485	AGE 18	SEX F	BMI N/A
SOURCE DATASET import_sdy625	TRUE DIAGNOSIS Systemic Lupus Erythematosus	ICD-10 M32.9	CATEGORY Systemic

SECTION 2: PREDICTION

SYSTEMIC AUTOIMMUNEConfidence: **95.1%** · High (>80%)**✓ CORRECT**

CATEGORY	PROBABILITY
Systemic Autoimmune	95.1%
Healthy	3.7%
Endocrine Autoimmune	0.9%
Gastrointestinal	0.3%

Predicted Disease: Systemic Lupus Erythematosus **Disease Confidence:** 95.1%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	6.1	$\times 10^3/\mu\text{L}$	4.5–11.0	N	—
RBC	3.93	$\times 10^6/\mu\text{L}$	4.2–5.4	L	—
Hemoglobin	10.6	g/dL	12.0–17.5	L	—
Hematocrit	34	%	37.0–52.0	L	—
Platelets	326	$\times 10^3/\mu\text{L}$	150–400	N	—
MCV	86.5	fL	80.0–100.0	N	—
MCH	26.9	pg	27.0–33.0	L	—
RDW	16.2	%	11.5–14.5	H	—
ESR	105	mm/hr	0.0–20.0	H	—
CRP	1	mg/dL	0.0–1.0	N	—

SECTION 4: AUTOANTIBODY PANEL

MARKER	RESULT
ANA	256.0

Anti-dsDNA	Not Tested
HLA-B27	Not Tested
Anti-Sm	Not Tested
Anti-Ro/SSA	Not Tested
Anti-La/SSB	Not Tested
RF	Not Tested
Anti-CCP	Not Tested
C3	Not Tested
C4	Not Tested

SECTION 5: CLINICAL INTERPRETATION

Summary

Systemic autoimmune pattern detected (95% 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.