

**NOTICE TO PHYSICIAN**

This report is produced by the AuRA statistical modeling platform and is intended solely as an informational reference for use by a licensed medical professional. It does not constitute a diagnosis, clinical opinion, or medical advice. All findings presented in this document must be independently reviewed and validated by a qualified physician before any clinical decision is made.

**PATIENT INFORMATION**

<b>Patient ID</b>	immport_sdy3216_420551
<b>Age</b>	54
<b>Sex</b>	F
<b>BMI</b>	Not recorded
<b>Source Dataset</b>	immport_sdy3216
<b>Diagnosis on File</b>	Scleroderma (Systemic Sclerosis) (M34.9)

**TESTS CONDUCTED**

The following laboratory markers were included in this assessment. Markers listed as "Not ordered" were not available for this patient and were excluded from the statistical model input.

**Complete Blood Count (CBC)**

White Blood Cell Count (WBC)	Ordered
Red Blood Cell Count (RBC)	Not ordered
Hemoglobin	Ordered
Hematocrit	Ordered
Platelet Count	Ordered
Mean Corpuscular Volume (MCV)	Not ordered
Mean Corpuscular Hemoglobin (MCH)	Not ordered
Red Cell Distribution Width (RDW)	Not ordered

**Inflammatory Markers**

Erythrocyte Sedimentation Rate (ESR)	Ordered
C-Reactive Protein (CRP)	Not ordered

**Autoantibody Panel**

No autoantibody data was available for this patient.

**STATISTICAL MODEL OUTPUT**

<b>Model</b>	Aura Hierarchical Dual-Scorer v1.0
<b>Confidence Tier</b>	High (>80%)
<b>Estimated Category</b>	Systemic Autoimmune
<b>Category Confidence</b>	93.7%
<b>Estimated Disease</b>	Scleroderma (Systemic Sclerosis)
<b>Disease Model Confidence</b>	76.2%

**Category Probability Distribution:**

<b>Systemic Autoimmune</b>	<b>93.7%</b>
Healthy / No Autoimmune Pattern	5.6%
Endocrine Autoimmune	0.4%
Gastrointestinal Autoimmune	0.3%

**LABORATORY RESULTS**

Test	Result	Units	Reference Range	Flag
WBC	5.2	$\times 10^3/\mu\text{L}$	4.5 – 11.0	
RBC	—	$\times 10^3/\mu\text{L}$	—	<i>Not ordered</i>
Hemoglobin	12.9	g/dL	12.0 – 17.5	
Hematocrit	38.9	%	37.0 – 52.0	
Platelet Count	247	$\times 10^3/\mu\text{L}$	150 – 400	
MCV	—	fL	—	<i>Not ordered</i>
MCH	—	pg	—	<i>Not ordered</i>
RDW	—	%	—	<i>Not ordered</i>
ESR	8	mm/hr	0.0 – 20.0	
CRP	—	mg/dL	—	<i>Not ordered</i>

**CLINICAL NOTES****Summary**

Systemic autoimmune pattern detected (94% confidence). Findings are consistent with systemic inflammation — consider evaluation for lupus, rheumatoid arthritis, Sjögren's syndrome, or related conditions.

**Recommended Action**

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