

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

Patient ID	import_sdy3216_420551
Age	54
Sex	F
BMI	Not recorded
Source Dataset	import_sdy3216
Diagnosis on File	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

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

Category Probability Distribution:

Systemic Autoimmune	93.7%
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	×10 ³ /μL	4.5 – 11.0	
RBC	—	×10 ⁶ /μL	—	Not ordered
Hemoglobin	12.9	g/dL	12.0 – 17.5	
Hematocrit	38.9	%	37.0 – 52.0	
Platelet Count	247	×10 ³ /μL	150 – 400	
MCV	—	fL	—	Not ordered
MCH	—	pg	—	Not ordered
RDW	—	%	—	Not ordered
ESR	8	mm/hr	0.0 – 20.0	
CRP	—	mg/dL	—	Not ordered

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.