

**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_sdy823_169220
<b>Age</b>	54
<b>Sex</b>	M
<b>BMI</b>	Not recorded
<b>Source Dataset</b>	immport_sdy823
<b>Diagnosis on File</b>	Sjogren Syndrome (M35.0)

**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)	Ordered
Hemoglobin	Ordered
Hematocrit	Ordered
Platelet Count	Ordered
Mean Corpuscular Volume (MCV)	Ordered
Mean Corpuscular Hemoglobin (MCH)	Ordered
Red Cell Distribution Width (RDW)	Ordered

**Inflammatory Markers**

Erythrocyte Sedimentation Rate (ESR)	Ordered
C-Reactive Protein (CRP)	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>	93.1%
<b>Estimated Disease</b>	Sjogren Syndrome
<b>Disease Model Confidence</b>	99.9%

**Category Probability Distribution:**

<b>Systemic Autoimmune</b>	<b>93.1%</b>
Healthy / No Autoimmune Pattern	4.2%
Gastrointestinal Autoimmune	1.8%
Endocrine Autoimmune	0.9%

**LABORATORY RESULTS**

Test	Result	Units	Reference Range	Flag
WBC	<b>4.39</b>	$\times 10^3/\mu\text{L}$	4.5 – 11.0	<b>L</b>
RBC	4.97	$\times 10^3/\mu\text{L}$	4.2 – 5.4	
Hemoglobin	14.1	g/dL	12.0 – 17.5	
Hematocrit	44.2	%	37.0 – 52.0	
Platelet Count	189	$\times 10^3/\mu\text{L}$	150 – 400	
MCV	88.9	fL	80.0 – 100.0	
MCH	28.3	pg	27.0 – 33.0	
RDW	14	%	11.5 – 14.5	
ESR	5	mm/hr	0.0 – 20.0	
CRP	<b>1.99</b>	mg/dL	0.0 – 1.0	<b>H</b>

**CLINICAL NOTES****Summary**

Systemic autoimmune pattern detected (93% 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.