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	immport_sdy569_151313
Age	18
Sex	M
BMI	Not recorded
Source Dataset	immport_sdy569
Diagnosis on File	Type 1 Diabetes (E10)

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)	*Not 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	Moderate (60–80%)
Estimated Category	Endocrine Autoimmune
Category Confidence	65.6%
Estimated Disease	Type 1 Diabetes
Disease Model Confidence	98.0%

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Page 1

Category Probability Distribution:

Endocrine Autoimmune	**65.6%**
Healthy / No Autoimmune Pattern	24.6%
Systemic Autoimmune	8.7%
Gastrointestinal Autoimmune	1.0%

LABORATORY RESULTS

Test	Result	Units	Reference Range	Flag
WBC	5.1	×10³/μL	4.5 – 11.0	
RBC	**5.44**	×10■/μL	4.2 – 5.4	**H**
Hemoglobin	15.7	g/dL	12.0 – 17.5	
Hematocrit	47.7	%	37.0 – 52.0	
Platelet Count	**104**	×10³/μL	150 – 400	**L**
MCV	87.7	fL	80.0 – 100.0	
MCH	28.9	pg	27.0 – 33.0	
RDW	12.6	%	11.5 – 14.5	
ESR	*—*	*mm/hr*	*—*	*Not ordered*
CRP	*—*	*mg/dL*	*—*	*Not ordered*

CLINICAL NOTES

Summary

Endocrine autoimmune pattern detected (66% confidence). Findings suggest evaluation for thyroid or metabolic autoimmune conditions.

Recommended Action

Referral to Endocrinology. Consider: TSH, free T4, anti-TPO antibodies, anti-thyroglobulin antibodies.