

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID import_sdy569_151315	AGE 18	SEX F	BMI N/A
SOURCE DATASET import_sdy569	TRUE DIAGNOSIS Type 1 Diabetes	ICD-10 E10	CATEGORY Endocrine

SECTION 2: PREDICTION

ENDOCRINE AUTOIMMUNEConfidence: **73.1%** · Moderate (60–80%)**✓ CORRECT**

CATEGORY	PROBABILITY
Endocrine Autoimmune	73.1%
Healthy	15.6%
Systemic Autoimmune	10.7%
Gastrointestinal	0.6%

Predicted Disease: Type 1 Diabetes **Disease Confidence:** 97.6%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	4.2	$\times 10^3/\mu\text{L}$	4.5–11.0	L	—
RBC	4.71	$\times 10^3/\mu\text{L}$	4.2–5.4	N	—
Hemoglobin	13.7	g/dL	12.0–17.5	N	—
Hematocrit	41.2	%	37.0–52.0	N	—
Platelets	211	$\times 10^3/\mu\text{L}$	150–400	N	—
MCV	88	fL	80.0–100.0	N	—
MCH	29.2	pg	27.0–33.0	N	—
RDW	12.4	%	11.5–14.5	N	—
ESR	—	mm/hr	—	MISSING	—
CRP	—	mg/dL	—	MISSING	—

SECTION 5: CLINICAL INTERPRETATION

Summary

Endocrine autoimmune pattern detected (73% confidence). Findings suggest evaluation for thyroid or metabolic autoimmune conditions.

Patient-Friendly Explanation

Your results suggest patterns seen in thyroid conditions like Hashimoto's thyroiditis or Graves' disease.

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