

News

Clinical Laboratory Test Update

New Test: Diabetes Autoimmune Profile – Mayo Clinic Laboratories

Effective 10/16/2025, Diabetes Autoimmune/Autoantibody Profile (insulin, GAD, IA-2, and ZnT8 antibodies) will be orderable in Epic with lab code LAB7431.

Diabetes autoantibodies assessment may be helpful to identify patients at risk for development of type 1 diabetes. ADA Standards of Care note that autoantibody-based screening for type 1 diabetes may be offered to those with a family history of type 1 diabetes or known increased genetic risk.

Screening for presymptomatic type 1 diabetes may be done by detection of autoantibodies to insulin, glutamic acid decarboxylase (GAD), islet antigen 2 (IA-2), or zinc transporter 8 (ZnT8). Positive antibodies are associated with a higher likelihood of type 1 diabetes. Less than 3% of type 2 diabetics have positive antibodies.

Diabetes Autoimmune Profile contains these components with reference ranges that apply to all ages:

Insulin Antibodies	<5.0 uU/mL	Negative
	> or =5.0 uU/mL	Positive
Anti GAD 65 Antibodies	<5.0 uU/mL	Negative
	> or =5.0 uU/mL	Positive
IA-2 Autoantibodies	<7.5 U/mL	Negative
	> or =7.5 U/mL	Positive
ZNT8 Antibodies	<15 U/mL	Negative
	> or =15 U/mL	Positive

Please call University of Colorado Hospital Clinical Lab Sendouts at 720-848-7029 or visit our test menu <https://www.testmenu.com/universityhospital> for additional information.