

Reporting Title: IA-2 Ab, S
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:
[Islet cell antigen 2 \(IA2\) testing is available individually \(this test\) and with glutamic acid decarboxylase 65-kilodalton isoform \(GAD65\), insulin, and zinc transporter 8 \(ZnT8\) antibodies as a part of DBS1 / Diabetes Mellitus Type 1 Evaluation, Serum. The evaluation is most appropriate to order in the following clinical contexts:](#)
-Distinguishing type 1 (autoimmune) diabetes mellitus from type 2 diabetes mellitus
-Identifying individuals at risk of type 1 diabetes (including high-risk relatives of patients with diabetes)
-Predicting future insulin requirement treatment in patients with adult-onset diabetes

Individual antibody testing would be more appropriate if 1, 2, or 3 of the analytes (GAD65, IA-2, insulin, ZnT8 antibodies) have already been tested and reported negative, and the provider wishes to test for the balance of remaining untested analytes only.

Specimen Requirements:
Supplies: Sarstedt Aliquot Tube, 5 mL (T914)
Collection Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Submission Container/Tube: Plastic vial
Specimen Volume: 1.5 mL
Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	28 days	
	Ambient	72 hours	
	Frozen	28 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
89588	IA-2 Ab, S	Numeric	nmol/L	81155-4

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

CPT Code Information:
86341

Reference Values:
< or =0.02 nmol/L

Reference values apply to all ages.