

Reporting Title: IA-2 Ab, S

Performing Location: Rochester

**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	
	Frozen	28 days	
	Ambient	72 hours	

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

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Reference values apply to all ages.