
Lab Dept: Serology

Test Name: IA2 Autoantibodies

General Information

Lab Order Codes: FIAAB

Synonyms: IA-2 antibody; Islet Antigen 2 autoantibody

CPT Codes: 86341 - Islet cell antibody

Test Includes: IA-2 antibody reported in U/mL.

Logistics

Test Indications: Clinical distinction of type 1 from type 2 diabetes mellitus and for identification of individuals at risk of type 1 diabetes.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Clinic Laboratories (MML: FIAAB), performed at Esoterix

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 7-14 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST tube, Red, Gold or Marble

Draw Volume: 3.0 mL (Minimum: 1.5 mL) blood

Note: minimum volume does not allow for repeat analysis

Processed Volume: 1.0 mL (Minimum: 0.5 mL) serum

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen and remove serum aliquot into a screw-capped round bottom plastic vial and freeze serum immediately . Store and ship at frozen temperatures. Forward promptly.

Specimen stable frozen (preferred) for 107 days, ambient or refrigerated for 72 hours.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range: Negative: <7.5 U/mL
Positive: > or = 7.5 U/mL

Critical Values: N/A

Limitations: N/A

Methodology: Enzyme-linked Immunosorbent Assay (ELISA)

References: [Mayo Clinic Laboratories](#) August 2025

Updates: 8/19/2025: Initial entry. Replaces obsolete IA2.