
Lab Dept: Serology

Test Name: ICA 512 ANTIBODY

General Information

Lab Order Codes: ICAAB

Synonyms: ICA 512 Autoantibody; Islet Cell Cytoplasmic Autoantibodies

CPT Codes: 86341 - Islet cell antibody

Test Includes: ICA 512 antibody reported in U/mL.

Logistics

Test Indications: May be helpful in distinguishing between autoimmune type 1 diabetes and diabetes due to other causes.

Lab Testing Sections: Serology - Sendouts

Referred to: Esoterix Laboratories (Test#: 500255)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 - 8 days; set up once a week on Wednesdays

Special Instructions: Specimen must be processed in the laboratory within 1 hour of collection.

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red) tube

Draw Volume: 1.5 mL (Minimum: 0.3 mL) blood

Processed Volume: 0.5 mL (Minimum: 0.1 mL) serum

Note: Pediatric minimum is 0.1 mL, but does not allow for repeat analysis

Collection: Routine venipuncture

Special Processing: Lab Staff: Within 1 hour of collection, centrifuge specimen and remove aliquot into a round bottom screw-capped plastic vial. Store and ship at frozen temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range: All ages:
<1.0 U/mL = Negative
≥1.0 U/mL = Positive

Critical Values: N/A

Limitations: Some patients who have type 1 diabetes will never develop detectable amounts of islet cell autoantibodies, although this is rare.

Methodology: Immunoprecipitin Assay

References: [Esoterix Laboratories](#) December 2017

Updates: 12/22/2017: Collection container update.