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:
  - $< 1.0 \text{ U/mL} =$ Negative
  - $\geq 1.0 \text{ U/mL} =$ Positive

**Critical Values:** N/A

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

**Methodology:** Immunoprecipitin Assay

**References:** [Esoterix Laboratories](Esoterix Laboratories) December 2017

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