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**Lab Dept:** Serology

**Test Name:** INSULIN ANTIBODY

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***General Information***

**Lab Order Codes:** INAB

**Synonyms:** Insulin Antibodies, Serum; Anti-Insulin; Human Insulin; INAB; Insulin Ab

**CPT Codes:** 86337 – Insulin antibodies

**Test Includes:** Antibodies to human insulin are tested routinely.

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***Logistics***

**Test Indications:** N/A

**Lab Testing Sections:** Serology - Sendouts

**Referred to:** Esoterix, Inc. (Test# 500225)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 3 – 7 days

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** SST (Gold or Marble top tube)

**Draw Volume:** 1.5 mL (Minimum: 0.6 mL) blood

Note: Collection of the minimum amount does not allow for repeat analysis.

**Processed Volume:** 0.5 mL (Minimum: 0.2 mL) serum

**Collection:** Routine venipuncture

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

**Patient Preparation:** None

**Sample Rejection:** Mislabeled or unlabeled specimens

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***Interpretive***

**Reference Range:** <5.0  $\mu\text{U/mL}$  Insulin Binding Capacity = Negative  
>=5.0  $\mu\text{U/mL}$  Insulin Binding Capacity = Positive

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Radioimmunoassay (RIA)

**References:** [Esoterix, Inc.](#) July 2013

**Updates:** 11/18/03: This testing moved from Mayo Medical Laboratories to Esoterix, Inc. Units have changed from % binding of labeled human insulin to  $\mu\text{U/mL}$  Insulin Binding Capacity.  
3/30/16: SST tubes are acceptable.