
Lab Dept: Serology

Test Name: INSULIN AUTOANTIBODIES

General Information

Lab Order Codes: FINAB

Synonyms: IAA; Insulin Antibodies

CPT Codes: 86337 – Insulin antibodies

Test Includes: Insulin antibodies reported in uU/mL

Logistics

Test indications: The presence of insulin autoantibodies may provide early evidence of autoimmune disease activity.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Clinic Laboratories (MML: FINAB)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 9 – 16 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold or marble)
Alternative: Red No Gel

Draw Volume: 1.5 mL (Minimum: 0.6 mL) blood
Minimum volume does not permit repeat analysis.

Processed Volume: 0.5 mL (Minimum: 0.2 mL) blood

Collection:	Routine blood collection
Special Processing:	Lab Staff: Centrifuge within 1 hour of collection. Send 0.5 (min: 0.2) mL serum. Freeze immediately. Store and ship frozen. Forward promptly. Specimen stable frozen (preferred, timeline not specified by reference lab) or refrigerated for 72 hours.
Patient Preparation:	No radioactive isotopes should be administered 24 hours prior to venipuncture.
Sample Rejection:	Mislabeled or unlabeled specimen; specimen collected in incorrect tube type; warm specimen.

Interpretive

Reference Range:	Negative: < 5.0 uU/mL Positive: ≥ 5.0 uU/mL
Critical Values:	N/A
Limitations:	N/A
Methodology:	Insulin-I125 binding capacity
References:	Mayo Clinic Laboratories August 2025
Updates:	9/02/2025: Initial entry