

Islet Cell Antigen 512 Autoantibodies (IA-2 Antibody)

Order Name: **ISLET AG**
Test Number: 3809750
Revision Date: 12/12/2022

| TEST NAME | METHODOLOGY | LOINC CODE |
|---|---|------------|
| Islet Cell Antigen 512 Autoantibodies (IA-2 Antibody) | Enzyme-Linked Immunosorbent Assay (ELISA) | 56718-0 |

SPECIMEN REQUIREMENTS

| Specimen | Specimen Volume (min) | Specimen Type | Specimen Container | Transport Environment |
|-------------|-----------------------|---------------|----------------------------------|-----------------------|
| Preferred | 1 mL (0.5mL) | Serum | Clot Activator SST | Frozen |
| Alternate 1 | 1 mL (0.5mL) | Serum | Clot Activator (Red Top, No-Gel) | Frozen |

Instructions

Notes: 0.5 mL (Note: This volume Does NOT allow for repeat testing.)

Specimen Type: Red-top tube or gel-barrier tube

Specimen Storage: **FREEZE**

Specimen Collection: Transfer the serum into a LabCorp PP transpak frozen purple tube with screw cap (LabCorp ID 49482). Freeze immediately and maintain FROZEN until tested. To avoid delays in turnaround time when requesting multiple test on frozen specimens, PLEASE SUBMIT SEPARATE FROZEN SPECIMENS FOR EACH TEST REQUESTED.

Special Instructions: Testing is performed at Esoterix Endocrinology Laboratory: ES#500255

Specimen Stability: Ambient: 3 days, Refrigerated : 3 days, Frozen: 107 days

GENERAL INFORMATION

| | |
|------------------------------|---|
| Expected TAT | 5 - 10 days |
| Clinical Use | Type 1 diabetes is characterized by lymphocytic cell infiltrate of the pancreatic islets. Measurement of GAD-65, ICA-512, and Insulin Antibody is a highly sensitive means to assess risk and predict onset of Type 1 diabetes. There is a correlation between the number of positive antibodies and the antibody titers versus the severity of the autoimmune process. Cross References: Beta-Cell Autoantibody to IA-2 (IA-2 Antibody), Insulinoma Associated 2 Antibody (IA-2 Antibody), Islet Cell Antigen (ICA) 512 (IA-2 Antibody) |
| Performing Labcorp Test Code | 141531 |
| Notes | Labcorp Test Code: 141531 |
| CPT Code(s) | 86341 |
| Lab Section | Reference Lab |