


**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 (mL)	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	<p><b>Notes:</b> 0.5 mL (Note: This volume Does NOT allow for repeat testing.)</p> <p><b>Specimen Type:</b> Red-top tube or gel-barrier tube</p> <p><b>Specimen Storage:</b> <b>FREEZE</b></p> <p><b>Specimen Collection:</b> 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.</p> <p><b>Special Instructions:</b> Testing is performed at Esoterix Endocrinology Laboratory: ES#500255</p> <p><b>Specimen Stability:</b> Ambient: 3 days, Refrigerated : 3 days, Frozen: 107 days</p>			

GENERAL INFORMATION	
Expected TAT	5 - 10 days
Clinical Use	<p>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 I diabetes. There is a correlation between the number of positive antibodies and the antibody titers versus the severity of the autoimmune process.</p> <p>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)</p>
Notes	Labcorp Test Code: 141531
CPT Code(s)	86341
Service Provided By	 <b>labcorp</b> Oklahoma, Inc.