

DIABETES MELLITUS TYPE 1 EVALUATION

#60480

USEFUL FOR:

- Providing greater test sensitivity for diabetes type 1 through combined testing of islet cell antibodies
- Clinical distinction of type 1 from type 2 diabetes mellitus
- Identification of individuals at risk of type 1 diabetes (including high-risk relatives of patients with diabetes)
- Prediction of future need for insulin treatment in adult-onset diabetic patients

PROFILE INFORMATION:

Unit Code	Reporting Name	Available Separately	Always Performed
81596	GAD65 Ab Assay, S	Yes	Yes
8666	Insulin Abs, S	Yes	Yes
89588	IA-2 Ab, S	Yes	Yes

METHODOLOGY: Radioimmunoprecipitation**REFERENCE VALUES:**

GAD65 antibody < or =0.02 nmol/L

Insulin antibody < or =0.02 nmol/L

IA-2 antibody < or =0.02 nmol/L

SPECIMEN REQUIREMENTS:**Specimen Type:** Serum**Container/Tube:** Plain, red-top tube or serum gel tube**Specimen Volume:** 4 mL

CAUTIONS: Negative results do not exclude the diagnosis of or future risk for type 1 diabetes mellitus. The risk of developing type 1 diabetes may be stratified further by testing for: zinc transporter 8 (ZnT8) and 2) HLA genetic markers. Careful monitoring of hyperglycemia is the mainstay of determining the requirement for insulin therapy.

NOTE: Test 91632 – Diabetes Autoimmune Test Group to Esoterix will become obsolete on April 21, 2011.

LIST FEE: \$655.70**CPT CODE:**

86341 x 2 -Islet cell antibody

86337- Insulin antibodies

ANALYTIC TIME: 7 days**DAY(S) SET-UP:** Varies.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Steven Monson, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710