

## Division of Laboratory Medicine

Immunology

### Islet Cell Antibodies

#### General information

Predictive of future insulin requirement in patients presenting with NIDDM (Non-insulin dependent diabetes mellitus) and in relatives of IDDM (Insulin dependent diabetes mellitus) patients.

**Specimen transport:** At room temperature

**Repeat frequency:** At significant change of clinical symptoms

**Special precautions:** None

#### Laboratory information

**Normal reference range:** Neg

**Volume and sample type:** 7ml serum

**Method:** Immunofluorescence

**Turnaround time (calendar days from sample receipt to authorised result):** Median – 6

**Participation in EQA Scheme:** UK NEQAS for Diabetic Markers

#### Clinical information

**Indications for the test:** Screening of first degree relatives for risk of developing insulin dependent diabetes mellitus. May also be used to determine the risk of IDDM in gestational diabetes

**Factors affecting the test:** Detectable within first year after diagnosis in IDDM patients. Antibody levels decline as islet cells are destroyed by the autoimmune disease process

**(Last updated June 2022)**