

## Mouse Insulin Autoantibodies ELISA Kit | IAA elisa kit

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CATALOG #  
**AAA17577**

REACTIVITY  
**Mouse**

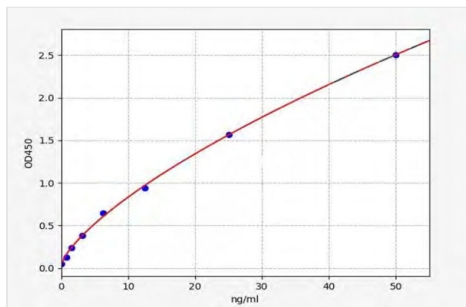
### PRODUCT SYNONYMS

Insulin Autoantibodies; Mouse Insulin Autoantibodies ELISA Kit; IAA (Insulin Autoantibodies); IAA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of IAA. No significant cross-reactivity or interference between IAA and analogues was observed. |
| Samples                 | Serum, plasma, tissue homogenates and other biological fluids                                                                                                           |
| Detection Range         | 0.781-50ng/ml                                                                                                                                                           |
| Sensitivity             | 0.469ng/ml                                                                                                                                                              |
| Intra-assay Precision   | CV<8%                                                                                                                                                                   |
| Inter-assay Precision   | CV<10%                                                                                                                                                                  |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IAA elisa kit

Principle of the Assay: This kit was based on indirect enzyme-linked immune-sorbent assay technology. Antigen was pre-coated onto 96-well plates. And the HRP conjugated antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

