

## Mouse Anti-Insulin Receptor Antibody ELISA Kit | AIRA elisa kit

Mouse Anti-Insulin Receptor Antibody ELISA Kit

CATALOG #  
**AAA85663**

REACTIVITY  
**Mouse**

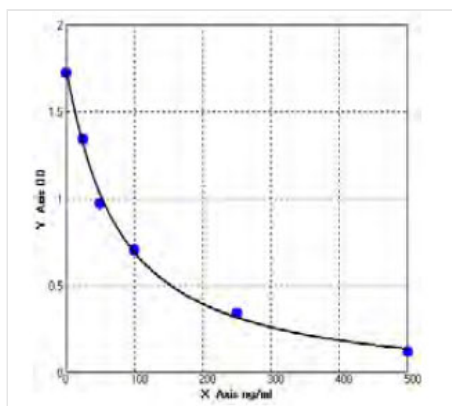
### PRODUCT SYNONYMS

Anti-Insulin Receptor Antibody; Mouse Anti-Insulin Receptor Antibody ELISA Kit; AIRA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of AchRAb. No significant cross-reactivity or interference between AchRAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AchRAb and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                     |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                       |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                            |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for AIRA elisa kit | <p>Intended Uses: This AchRab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse AchRab. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: AchRab ELISA kit applies the competitive enzyme immunoassay technique utilizing Acetylcholine Receptor antigen and an AchRab-HRP conjugate. The assay sample and buffer are incubated together with AchRab-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AchRab concentration since AchRab from samples and AchRab-HRP conjugate compete for the Acetylcholine Receptor antigen binding site. Since the number of sites is limited, as more sites are occupied by AchRab from the sample, fewer sites are left to bind AchRab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AchRab concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for AIRA elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                      |
|----------------------------------|----------------------|
| NCBI GI #                        | 308153655            |
| NCBI GeneID                      | 3643                 |
| Molecular Weight                 | 155,146 Da           |
| NCBI Official Full Name          | Insulin receptor     |
| NCBI Official Synonym Full Names | insulin receptor     |
| NCBI Official Symbol             | INSR                 |
| NCBI Official Synonym Symbols    | HHF5; CD220          |
| NCBI Protein Information         | insulin receptor; IR |
| UniProt Protein Name             | Insulin receptor     |
| UniProt Gene Name                | INSR                 |
| UniProt Synonym Gene Names       | IR                   |
| UniProt Entry Name               | INSR_HUMAN           |

**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.

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Online datasheet: <https://stage.aaabiotech.com/aira-mouse-elisa-kits/anti-insulin-receptor-antibody/85663>