

## Anti-Glutamic Acid Antibody (Anti-Glu) ELISA Kit | Glu elisa kit

General species Anti-Glutamic Acid Antibody (Anti-Glu)(Competitive EIA) ELISA Kit

|                               |                                      |                              |
|-------------------------------|--------------------------------------|------------------------------|
| CATALOG #<br><b>AAA150968</b> | REACTIVITY<br><b>General species</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|--------------------------------------|------------------------------|

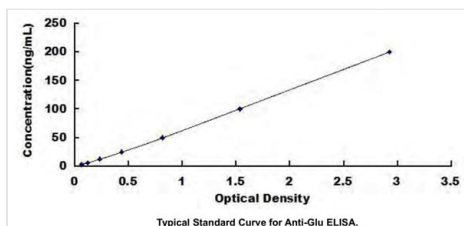
### PRODUCT SYNONYMS

Anti-Glutamic Acid Antibody (Anti-Glu); General species Anti-Glutamic Acid Antibody (Anti-Glu)(Competitive EIA) ELISA Kit; ELISA Kit for Anti-Glutamic Acid Antibody (Anti-Glu); Anti-Glu/Anti-Glutamic Acid Antibody; Glutamate; Glu elisa kit

### PRODUCT SPECIFICATIONS

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity                                | General species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity                               | This assay has high sensitivity and excellent specificity for detection of Anti-Glu. No significant cross-reactivity or interference between Anti-Glu and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                          |
| Samples                                   | Serum, plasma and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Detection Range                           | 3.12-200ng/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity                               | < 1.21ng/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for Glu elisa kit | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Intra-assay Precision                     | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-Glu were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                                                                                                                                                                                                                                                                                                                                                                                 |
| Inter-assay Precision                     | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-Glu were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                   | Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life)<br>The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Related Product Information for Glu elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with Glu. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Glu will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Anti-Glu in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-Glu in serum, plasma and other biological fluids.</p> |
| Product Categories/Family for Glu elisa kit   | Tumor immunity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**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/general-elisa-kits/anti-glutamic-acid-antibody-anti-glu/150968>