

## Sheep N-methyl-D-aspartate (NMDA) receptor ELISA Kit | NMDA-NR2 elisa kit

Sheep N-methyl-D-aspartate (NMDA) receptor ELISA Kit

CATALOG #  
**AAA95875**

REACTIVITY  
**Sheep**

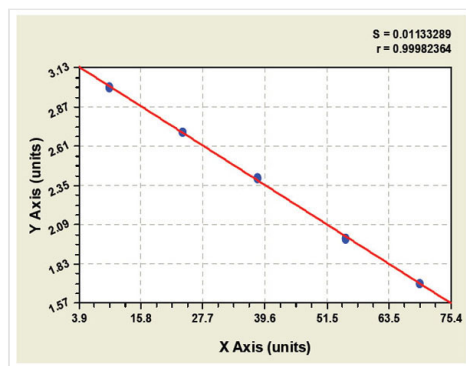
### PRODUCT SYNONYMS

N-methyl-D-aspartate (NMDA) receptor; Sheep N-methyl-D-aspartate (NMDA) receptor ELISA Kit; NMDA-NR2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                 |
| Assay Type              | Competitive                                                                                                                                                                                |
| Intended Uses           | This NMDA-R ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep NMDA-R. This ELISA kit for research use only, not for therapeutic applications  |
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| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NMDA-NR2 elisa kit

**Principle of the Assay:** NMDA-R ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NMDA-R antibody and an NMDA-R-HRP conjugate. The assay sample and buffer are incubated together with NMDA-R-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 NMDA-R concentration since NMDA-R from samples and NMDA-R-HRP conjugate compete for the anti-NMDA-R antibody binding site. Since the number of sites is limited, as more sites are occupied by NMDA-R from the sample, fewer sites are left to bind NMDA-R-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NMDA-R concentration in each sample is interpolated from this standard curve.

**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/nmda-nr2-sheep-elisa-kits/n-methyl-d-aspartate-nmda-receptor/95875>