

Monkey Anti-Glutamate Receptor 1 ELISA Kit | GLUR1-Ab elisa kit

Monkey Anti-Glutamate Receptor 1 ELISA Kit

CATALOG # AAA95191	REACTIVITY Monkey
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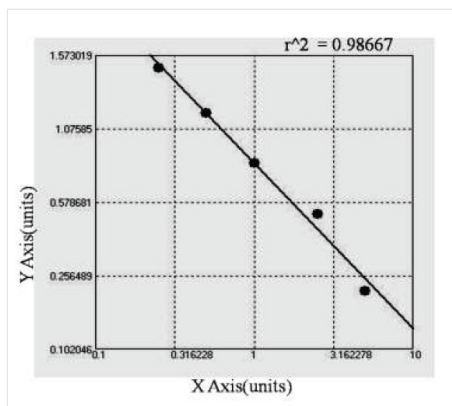
PRODUCT SYNONYMS

Anti-Glutamate Receptor 1; Monkey Anti-Glutamate Receptor 1 ELISA Kit; GLUR1-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This GLUR1-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GLUR1-Ab. 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 GLUR1-Ab elisa kit	Principle of the Assay: GLUR1-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing GLUR1 antigen and an GLUR1-Ab-HRP conjugate. The assay sample and buffer are incubated together with GLUR1-Ab-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 GLUR1-Ab concentration since GLUR1-Ab from samples and GLUR1-Ab-HRP conjugate compete for the GLUR1 antigen binding site. Since the number of sites is limited, as more sites are occupied by GLUR1-Ab from the sample, fewer sites are left to bind GLUR1-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GLUR1-Ab concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GLUR1-Ab elisa kit	Cell Biology

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/glur1-ab-monkey-elisa-kits/anti-glutamate-receptor-1/95191>