

Canine Glutamate receptor 2, Phospho-Ser880 ELISA Kit | GluR2 (Phospho-Ser880 elisa kit

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CATALOG #
AAA94842

REACTIVITY
Canine

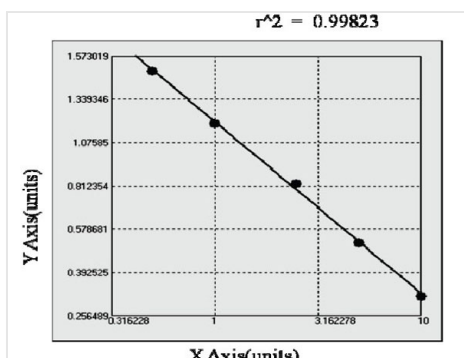
PRODUCT SYNONYMS

Glutamate receptor 2; Phospho-Ser880; Canine Glutamate receptor 2; Phospho-Ser880 ELISA Kit; GluR2 (Phospho-Ser880 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GluR2 (Phospho-Ser880 elisa kit

Intended Uses: This GRIA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GRIA2. This ELISA kit for research use only!

Principle of the Assay: GRIA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GRIA2 antibody and an GRIA2-HRP conjugate. The assay sample and buffer are incubated together with GRIA2-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 GRIA2 concentration since GRIA2 from samples and GRIA2-HRP conjugate compete for the anti-GRIA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GRIA2 from the sample, fewer sites are left to bind GRIA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GRIA2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GluR2 (Phospho-Ser880 elisa kit

Neurobiology

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/glur2-phospho-ser880-canine-elisa-kits/glutamate-receptor-2-phospho-ser880/94842>