

Porcine Anti-Presynaptic Membrane Receptor Antibody ELISA Kit | PsmR elisa kit

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CATALOG #
AAA96482

REACTIVITY
Porcine

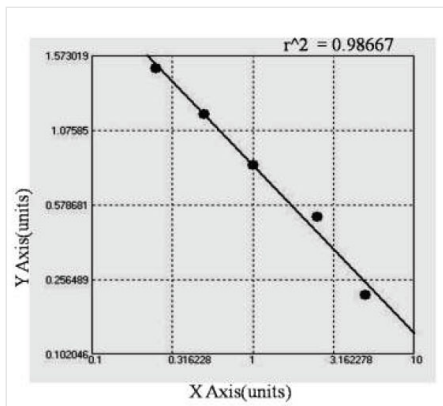
PRODUCT SYNONYMS

Anti-Presynaptic Membrane Receptor Antibody; Porcine Anti-Presynaptic Membrane Receptor Antibody ELISA Kit; PsmR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This PsmRab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine PsmRab. 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 PsmR elisa kit

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

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

Online datasheet: <https://stage.aaabiotech.com/psmr-porcine-elisa-kits/anti-presynaptic-membrane-receptor-antibody/96482>