

Canine Acetylcholine Receptor antibody ELISA Kit | ACHRAB elisa kit

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CATALOG #
AAA88752

REACTIVITY
Canine

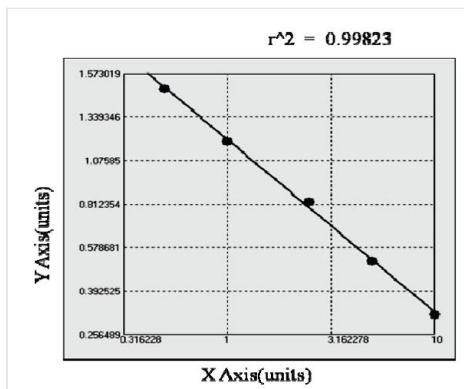
PRODUCT SYNONYMS

Acetylcholine Receptor antibody; Canine Acetylcholine Receptor antibody ELISA Kit; ACHRAB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5-100ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ACHRAB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ACHRAB. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACHRAB elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	441144
Molecular Weight	1,282 Da
NCBI Official Full Name	acetylcholine receptor, partial
UniProt Protein Name	Acetylcholine receptor
UniProt Entry Name	Q13695_HUMAN

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/achrab-canine-elisa-kits/acetylcholine-receptor-antibody/88752>