

Canine Adrenergic Receptor, Alpha 1A ELISA Kit | ADRalpha1A elisa kit

Canine Adrenergic Receptor, Alpha 1A ELISA Kit

CATALOG #
AAA96477

REACTIVITY
Canine

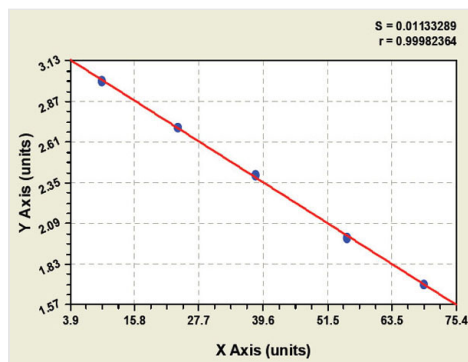
PRODUCT SYNONYMS

Adrenergic Receptor; Alpha 1A; Canine Adrenergic Receptor; Alpha 1A ELISA Kit; ADRalpha1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ADRalpha1A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ADRalpha1A. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This ADRalpha1A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ADRalpha1A. 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 ADRalpha1A elisa kit	Principle of the Assay: ADRalpha1A ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ADRalpha1A antibody and an ADRalpha1A-HRP conjugate. The assay sample and buffer are incubated together with ADRalpha1A-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 ADRalpha1A concentration since ADRalpha1A from samples and ADRalpha1A-HRP conjugate compete for the anti-ADRalpha1A antibody binding site. Since the number of sites is limited, as more sites are occupied by ADRalpha1A from the sample, fewer sites are left to bind ADRalpha1A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADRalpha1A concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ADRalpha1A elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7690135
NCBI GeneID	146
Molecular Weight	60,463 Da
NCBI Official Full Name	alpha adrenergic receptor subtype alpha 1a
NCBI Official Synonym Full Names	adrenoceptor alpha 1D
NCBI Official Symbol	ADRA1D
NCBI Official Synonym Symbols	DAR; ADRA1; ADRA1A; ADRA1R; ALPHA1; dJ779E11.2
NCBI Protein Information	alpha-1D adrenergic receptor; alpha-1D adrenoceptor; alpha-1D adrenoreceptor; alpha-1A adrenergic receptor; alpha-1D-adrenergic receptor; alpha-adrenergic receptor 1a; adrenergic, alpha-1A-, receptor; adrenergic, alpha-1D-, receptor; adrenergic, alpha -1D-, receptor
UniProt Protein Name	Alpha-1D adrenergic receptor
UniProt Gene Name	ADRA1D
UniProt Synonym Gene Names	ADRA1A; Alpha-1D adrenoceptor
UniProt Entry Name	ADA1D_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/adralpha1a-canine-elisa-kits/adrenergic-receptor-alpha-1a/96477>