

Canine Arrestin Beta 2 ELISA Kit | ARRBeta2 elisa kit

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CATALOG #
AAA91853

REACTIVITY
Canine

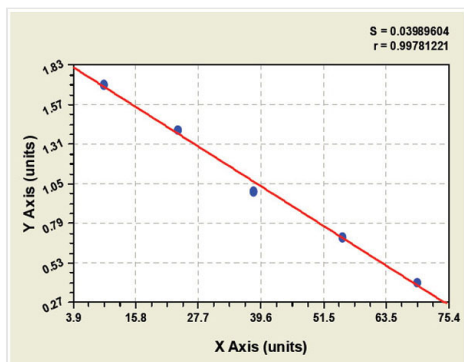
PRODUCT SYNONYMS

Arrestin Beta 2; Canine Arrestin Beta 2 ELISA Kit; ARRBeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ARRBETA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ARRBETA2. 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 ARRBeta2 elisa kit

Principle of the Assay: ARRBETA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ARRBETA2 antibody and an ARRBETA2-HRP conjugate. The assay sample and buffer are incubated together with ARRBETA2-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 the color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ARRBETA2 concentration since ARRBETA2 from samples and ARRBETA2-HRP conjugate compete for the anti-ARRBETA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ARRBETA2 from the sample, fewer sites are left to bind ARRBETA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARRBETA2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	154147682
NCBI GeneID	100101741
NCBI Accession #	NP_001093721.1
NCBI GenBank Nucleotide #	NM_001100251.1
NCBI Official Full Name	arrestin, beta 2
NCBI Official Synonym Full Names	arrestin, beta 2
NCBI Official Symbol	arrb2
NCBI Official Synonym Symbols	arb2; arr2; barr2; arrestin; betaarr2
NCBI Protein Information	arrestin, beta 2; arrestin 2; beta-Arrestin 2

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/arrbeta2-canine-elisa-kits/arrestin-beta-2/91853>