

Bovine Arrestin Beta 2 ELISA Kit | ARRBeta2 elisa kit

Bovine Arrestin Beta 2 ELISA Kit

CATALOG #
AAA88952

REACTIVITY
Bovine

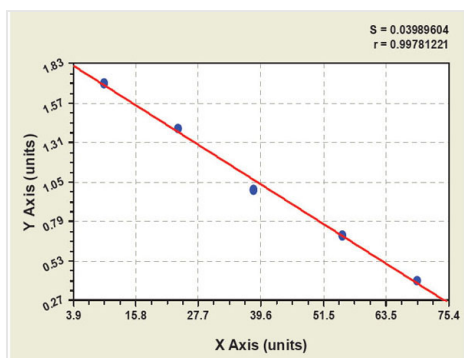
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

Product Categories/Family for ARRBeta2 elisa kit

[Signal Transduction](#)

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-bovine-ovine-elisa-kits/arrestin-beta-2/88952>