

Mouse Arrestin Beta 2 ELISA Kit | ARRbeta2 elisa kit

Mouse Arrestin Beta 2 ELISA Kit

CATALOG #
AAA84691

REACTIVITY
Mouse

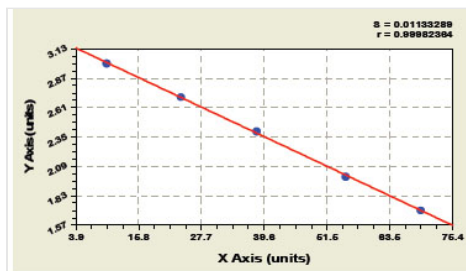
PRODUCT SYNONYMS

Arrestin Beta 2; Mouse Arrestin Beta 2 ELISA Kit; ARRbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 Mouse 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/arrbeta2-mouse-elisa-kits/arrestin-beta-2/84691>