

Human Arrestin beta 2 ELISA Kit | ARRbeta2 elisa kit

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CATALOG #
AAA85438

REACTIVITY
Human

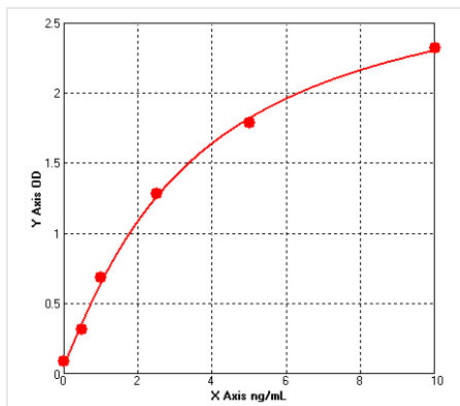
PRODUCT SYNONYMS

Arrestin beta 2; Human Arrestin beta 2 ELISA Kit; Human Arrestin b 2 ELISA Kit; ARRbeta2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARRbeta2. No significant cross-reactivity or interference between ARRbeta2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ARRbeta2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
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 polyclonal 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. Intended Uses: This ARRBeta2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ARRBeta2. This ELISA kit for research use only, not for therapeutic or test applications!
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.