

Rat Beta-arrestin-2, ARRB2 ELISA Kit | ARRB2 elisa kit

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CATALOG #
AAA123316

REACTIVITY
Rat

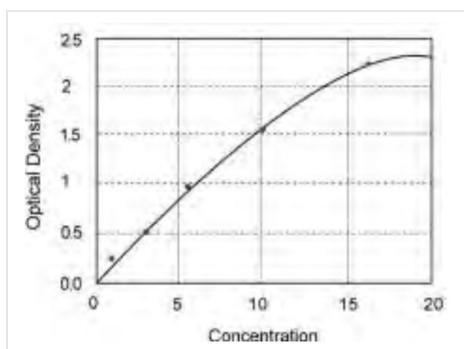
PRODUCT SYNONYMS

Beta-arrestin-2; ARRB2; Rat Beta-arrestin-2; ARRB2 ELISA Kit; ARRB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	406
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-6000ng/L
Sensitivity	9.04ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARRB2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ARRB2 antibody. ARRB2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ARRB2 Antibody is added and binds to ARRB2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ARRB2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ARRB2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Beta-arrestin-2 (also known as ARRB2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	382545442
NCBI GeneID	409
NCBI GenBank Nucleotide #	NP_001244260.1
UniProt Accession #	P32121
NCBI Official Full Name	beta-arrestin-2 isoform 6
NCBI Official Synonym Full Names	arrestin beta 2
NCBI Official Symbol	ARRB2
NCBI Official Synonym Symbols	ARB2; ARR2; BARR2
NCBI Protein Information	beta-arrestin-2
UniProt Protein Name	Beta-arrestin-2
UniProt Gene Name	ARRB2
UniProt Synonym Gene Names	ARB2; ARR2
UniProt Entry Name	ARRB2_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/beta-arrestin-2-arrb2/123316>