

Rat beta Arrestin-1 (Beta Arrestin- 1) ELISA Kit | Arrb1 elisa kit

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CATALOG #
AAA249816

REACTIVITY
Rat

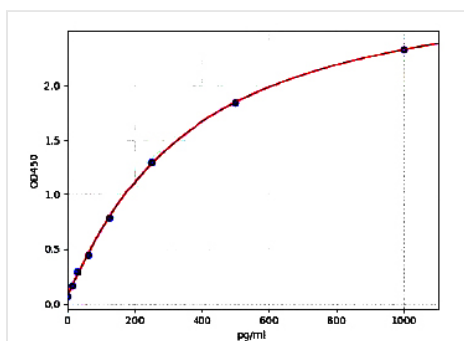
PRODUCT SYNONYMS

beta Arrestin-1 (Beta Arrestin- 1); Rat beta Arrestin-1 (Beta Arrestin- 1) ELISA Kit; Beta-arrestin-1; beta Arrestin-1; Arrestin beta-1; Arrb1; Arrb1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of beta Arrestin-1. No significant cross-reactivity or interference between beta Arrestin-1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Arrb1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978537
NCBI GeneID	25387
NCBI Accession #	NP_037042.1
NCBI GenBank Nucleotide #	NM_012910.2
UniProt Accession #	P29066
Molecular Weight	47,020 Da
NCBI Official Full Name	beta-arrestin-1
NCBI Official Synonym Full Names	arrestin, beta 1
NCBI Official Symbol	Arrb1
NCBI Official Synonym Symbols	BARRES
NCBI Protein Information	beta-arrestin-1
UniProt Protein Name	Beta-arrestin-1
UniProt Gene Name	Arrb1
UniProt Entry Name	ARRB1_RAT

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-1-beta-arrestin-1/249816>