

Mouse Beta-arrestin-2 ELISA Kit | Arrb2 elisa kit

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CATALOG #
AAA56412

REACTIVITY
Mouse

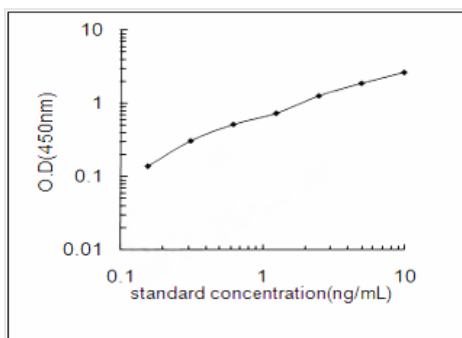
PRODUCT SYNONYMS

Beta-arrestin-2; Mouse Beta-arrestin-2 ELISA Kit; Arrb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Beta-arrestin-2. No significant cross-reactivity or interference was observed.
Sequence Length	406
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.081 ng/mL
Intra-Assay CV	<=6.9%
Inter-Assay CV	<=8.8%
Recovery	106%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Arrb2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Beta-arrestin-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Beta-arrestin-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Beta-arrestin-2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Beta-arrestin-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	405778340
NCBI GeneID	216869
NCBI Accession #	NP_001258287.1
NCBI GenBank Nucleotide #	NM_001271358.1
UniProt Accession #	Q91YI4; Q3TCM2; Q5F2D8; Q5F2E0
Molecular Weight	47,440 Da
NCBI Official Full Name	beta-arrestin-2 isoform a
NCBI Official Synonym Full Names	arrestin, beta 2
NCBI Official Symbol	Arrb2
NCBI Official Synonym Symbols	AI326910; AW122872
NCBI Protein Information	beta-arrestin-2
UniProt Protein Name	Beta-arrestin-2
UniProt Gene Name	Arrb2
UniProt Entry Name	ARRB2_MOUSE

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/arrb2-mouse-elisa-kits/beta-arrestin-2/56412>