

Rat arrestin, beta 2 ELISA Kit | ARRB2 elisa kit

Rat Beta-arrestin-2, ARRB2 ELISA Kit

CATALOG #
AAA112547

REACTIVITY
Rat

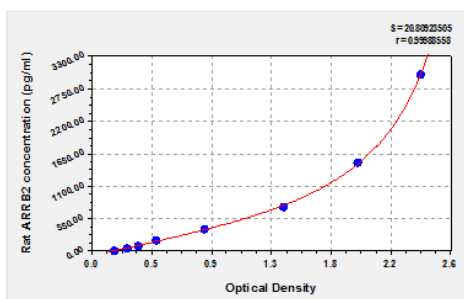
PRODUCT SYNONYMS

arrestin; beta 2; Rat Beta-arrestin-2; ARRB2 ELISA Kit; Rat Beta-arrestin-2 (ARRB2) ELISA kit; ARB2; ARR2; BARR2; DKFZp686L0365; arrestin 3; ARRB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat ARRB2. No significant cross-reactivity or interference between rat ARRB2 and analogues was observed.
Sequence Length	410
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	46.88 pg/ml-3000 pg/ml
Sensitivity	< 11.72 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARRB2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ARRB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ARRB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ARRB2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ARRB2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978539
NCBI GeneID	25388
NCBI Accession #	NP_037043.1
NCBI GenBank Nucleotide #	NM_012911.1
UniProt Accession #	P29067
Molecular Weight	46,340 Da
NCBI Official Full Name	beta-arrestin-2
NCBI Official Synonym Full Names	arrestin, beta 2
NCBI Official Symbol	Arrb2
NCBI Official Synonym Symbols	BARRES
NCBI Protein Information	beta-arrestin-2; arrestin beta-2
UniProt Protein Name	Beta-arrestin-2
UniProt Gene Name	Arrb2
UniProt Entry Name	ARRB2_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/arrb2-rat-elisa-kits/arrestin-beta-2/112547>