

Rat B1 bradykinin receptor (BDKRB1) ELISA Kit | BDKRB1 elisa kit

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CATALOG #
AAA27376

REACTIVITY
Rat

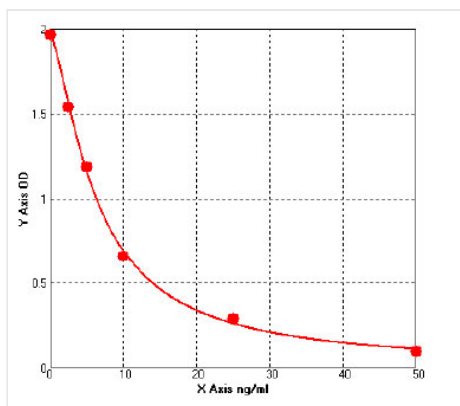
PRODUCT SYNONYMS

B1 bradykinin receptor (BDKRB1); Rat B1 bradykinin receptor (BDKRB1) ELISA Kit; BDKRB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of BDKRB1. No significant cross-reactivity or interference between BDKRB1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BDKRB1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
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 BDKRB1 elisa kit	Principle of the Assay: BDKRB1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BDKRB1 antibody and an BDKRB1-HRP conjugate. The assay sample and buffer are incubated together with BDKRB1-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 BDKRB1 concentration since BDKRB1 from samples and BDKRB1-HRP conjugate compete for the anti-BDKRB1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BDKRB1 from the sample, fewer sites are left to bind BDKRB1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BDKRB1 concentration in each sample is interpolated from this standard curve. Intended Uses: This BDKRB1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat BDKRB1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for BDKRB1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	20544172
NCBI GeneID	623
NCBI Accession #	NP_000701.2
NCBI GenBank Nucleotide #	NM_000710.3
Molecular Weight	40,495 Da
NCBI Official Full Name	B1 bradykinin receptor
NCBI Official Synonym Full Names	bradykinin receptor B1
NCBI Official Symbol	BDKRB1
NCBI Official Synonym Symbols	B1R; BKR1; B1BKR; BKB1R; BDKRB2; BRADYB1
NCBI Protein Information	B1 bradykinin receptor; BK-1 receptor; bradykinin receptor 1; bradykinin B1 receptor; bradykinin receptor B2
UniProt Protein Name	B1 bradykinin receptor
UniProt Gene Name	BDKRB1
UniProt Synonym Gene Names	BRADYB1; B1R; BK-1 receptor
UniProt Entry Name	BKRB1_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/b1-bradykinin-receptor-bdkrb1/27376>