

Human B2 bradykinin receptor (BDKRB2) ELISA Kit | BDKRB2 elisa kit

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CATALOG #
AAA246475

REACTIVITY
Human

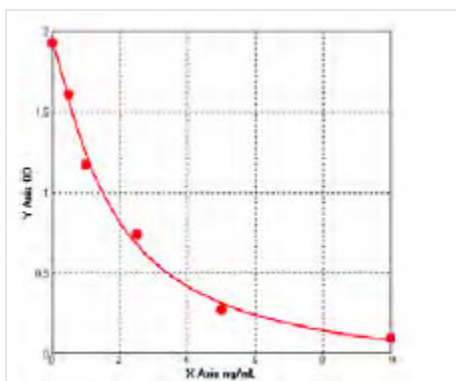
PRODUCT SYNONYMS

B2 bradykinin receptor (BDKRB2); Human B2 bradykinin receptor (BDKRB2) ELISA Kit; BDKRB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BDKRB2. No significant cross-reactivity or interference between BDKRB2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BDKRB2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 BDKRB2 elisa kit	Intended Uses: This BDKRB2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BDKRB2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: BDKRB2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BDKRB2 antibody and an BDKRB2-HRP conjugate. The assay sample and buffer are incubated together with BDKRB2-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 BDKRB2 concentration since BDKRB2 from samples and BDKRB2-HRP conjugate compete for the anti-BDKRB2 antibody binding site. Since the number of sites is limited, as more sites are occupied by BDKRB2 from the sample, fewer sites are left to bind BDKRB2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BDKRB2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BDKRB2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557359
NCBI GeneID	624
NCBI Accession #	NP_000614.1
NCBI GenBank Nucleotide #	NM_000623.3
Molecular Weight	41,441 Da
NCBI Official Full Name	B2 bradykinin receptor
NCBI Official Synonym Full Names	bradykinin receptor B2
NCBI Official Symbol	BDKRB2
NCBI Official Synonym Symbols	B2R; BK2; BK-2; BKR2; BRB2
NCBI Protein Information	B2 bradykinin receptor; BK-2 receptor
UniProt Protein Name	B2 bradykinin receptor
UniProt Gene Name	BDKRB2
UniProt Synonym Gene Names	BKR2; B2R; BK-2 receptor
UniProt Entry Name	BKRB2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/b2-bradykinin-receptor-bdkrb2/246475>