

Human Bradykinin Receptor B2 (BDKRB2) ELISA Kit | BDKRB2 elisa kit

Human Bradykinin Receptor B2 (BDKRB2)(Sandwich ELISA) ELISA Kit

CATALOG # AAA150901	REACTIVITY Human	APPLICATIONS ELISA
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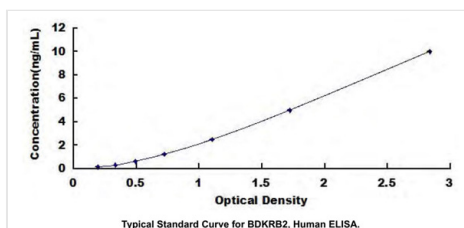
PRODUCT SYNONYMS

Bradykinin Receptor B2 (BDKRB2); Human Bradykinin Receptor B2 (BDKRB2)(Sandwich ELISA) ELISA Kit; ELISA Kit for Bradykinin Receptor B2 (BDKRB2); BDKRB2/Bradykinin Receptor B2; BDKR-B2; B2R; BK2; BKR2; BRB2; 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.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Applicable Applications for BDKRB2 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BDKRB2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level BDKRB2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life) The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDKRB2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BDKRB2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BDKRB2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain BDKRB2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of BDKRB2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BDKRB2 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for BDKRB2 elisa kit	Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	2506481
NCBI GeneID	624
UniProt Accession #	P30411
Molecular Weight	391
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/bradykinin-receptor-b2-bdkrb2/150901>