

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

Rat Bradykinin Receptor B2 (BDKRB2) ELISA Kit

CATALOG #
AAA63698

REACTIVITY
Rat

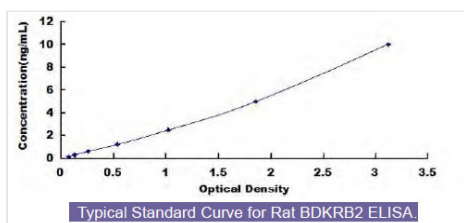
PRODUCT SYNONYMS

Bradykinin Receptor B2 (BDKRB2); Rat Bradykinin Receptor B2 (BDKRB2) ELISA Kit; BDKR-B2; B2R; BK2; BKR2; BRB2; BDKRB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	392
Samples	Rat tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	< 0.068ng/mL
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	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDKRB2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of BDKRB2 in rat tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BDKRB2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	397787570
NCBI GeneID	25245
NCBI Accession #	NP_775123.2
NCBI GenBank Nucleotide #	NM_173100.2
UniProt Accession #	P25023
Molecular Weight	41,710 Da
NCBI Official Full Name	B2 bradykinin receptor isoform 2
NCBI Official Synonym Full Names	bradykinin receptor B2
NCBI Official Symbol	Bdkrb2
NCBI Official Synonym Symbols	B2BKR; B2BRA
NCBI Protein Information	B2 bradykinin receptor
UniProt Protein Name	B2 bradykinin receptor
UniProt Gene Name	Bdkrb2
UniProt Synonym Gene Names	B2R; BK-2 receptor

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.