

Human Bradykinin (BK) ELISA Kit | BK elisa kit

Human Bradykinin (BK) High Sensitive ELISA Kit

CATALOG # AAA188526	REACTIVITY Human	APPLICATIONS ELISA
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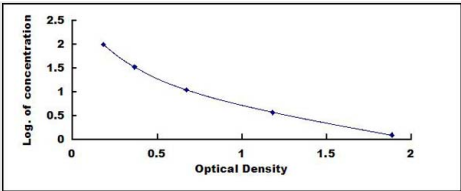
PRODUCT SYNONYMS

Bradykinin (BK); Human Bradykinin (BK) High Sensitive ELISA Kit; Bradykinin; BK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of High Sensitive Bradykinin (BK). No significant cross-reactivity or interference between High Sensitive Bradykinin (BK) and analogues was observed.
Sequence Length	465
Assay Type	Competitive Inhibition
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.23-100pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.65pg/mL
Applicable Applications for BK elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level High Sensitive Bradykinin (BK) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level High Sensitive Bradykinin (BK) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to High Sensitive Bradykinin (BK) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled High Sensitive Bradykinin (BK) and unlabeled High Sensitive Bradykinin (BK) (Standards or samples) with the pre-coated antibody specific to High Sensitive Bradykinin (BK). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of High Sensitive Bradykinin (BK) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of High Sensitive Bradykinin (BK) in the sample.
Preparation and Storage	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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1304379
NCBI GeneID	5406
UniProt Accession #	P16233
NCBI Official Full Name	pancreatic lipase
NCBI Official Synonym Full Names	pancreatic lipase
NCBI Official Symbol	PNLIP
NCBI Official Synonym Symbols	PL; PTL; PNLIPD
NCBI Protein Information	pancreatic triacylglycerol lipase
UniProt Protein Name	Pancreatic triacylglycerol lipase
UniProt Gene Name	PNLIP
UniProt Synonym Gene Names	PL; PTL
UniProt Entry Name	LIPP_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-bk/188526>