

Mouse Kallikrein 8 (KLK8) ELISA Kit | KLK8 elisa kit

Mouse Kallikrein 8 (KLK8)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152535

REACTIVITY
Mouse

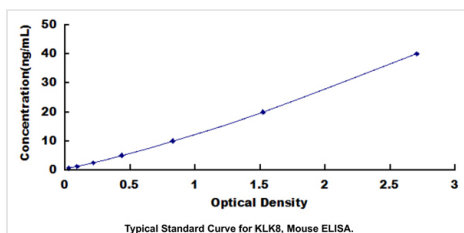
PRODUCT SYNONYMS

Kallikrein 8 (KLK8); Mouse Kallikrein 8 (KLK8)(Sandwich ELISA) ELISA Kit; ELISA Kit for Kallikrein 8 (KLK8); NP; HNP; NRPN; PRSS19; TADG14; BSP1; Neuropsin; Ovasin; Brain Serine Protease 1; Tumor Associated Differentially Expressed Gene 14; Serine protease 19; KLK8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of KLK8. No significant cross-reactivity or interference between KLK8 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.625-40ng/mL
Sensitivity	< 0.238ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level KLK8 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 KLK8 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) Shelf-life: one year 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 KLK8 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to KLK8. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to KLK8. 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 KLK8, 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 KLK8 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 KLK8 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1024846618
NCBI GeneID	259277
NCBI Accession #	NP_001311327.1
NCBI GenBank Nucleotide #	NM_001324398.1
UniProt Accession #	Q61955; Q8K5D7
Molecular Weight	28,524 Da
NCBI Official Full Name	kallikrein-8 preproprotein
NCBI Official Synonym Full Names	kallikrein related-peptidase 8
NCBI Official Symbol	Klk8
NCBI Official Synonym Symbols	NP; BSP1; Nrpn; Prss19
NCBI Protein Information	kallikrein-8
UniProt Protein Name	Kallikrein-8
UniProt Gene Name	Klk8
UniProt Synonym Gene Names	Nrpn; Prss19; mK8; NP

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/mouse-elisa-kits/kallikrein-8-klk8/152535>