

Human AP13 ELISA Kit | AP13 elisa kit

Human AP13 (Apelin 13) ELISA Kit

CATALOG #
AAA21870

REACTIVITY
Human

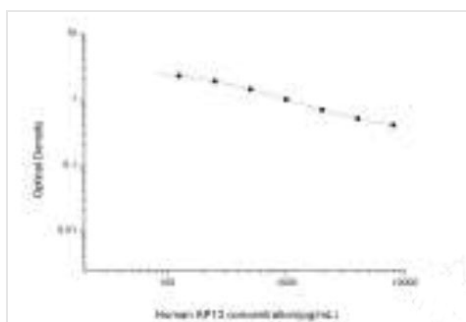
PRODUCT SYNONYMS

AP13; Human AP13 (Apelin 13) ELISA Kit; AP13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human AP13 in samples. No significant cross-reactivity or interference between Human AP13 and analogues was observed
Sequence Length	517
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	125-8000 pg/mL
Sensitivity	75 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human AP13 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human AP13 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AP13 elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human AP13. During the reaction, Human AP13 in samples or Standard competes with a fixed amount of Human AP13 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human AP13. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of Human AP13 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human AP13 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259157351
Molecular Weight	54,915 Da
NCBI Official Full Name	aspartic proteinase
UniProt Protein Name	Aspartic proteinase
UniProt Gene Name	AP13
UniProt Entry Name	C9DEC9_BOTFU

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/ap13/21870>