

Human AP17 ELISA Kit | AP17 elisa kit

Human AP17 (Apelin 17) ELISA Kit

CATALOG #
AAA165141

REACTIVITY
Human

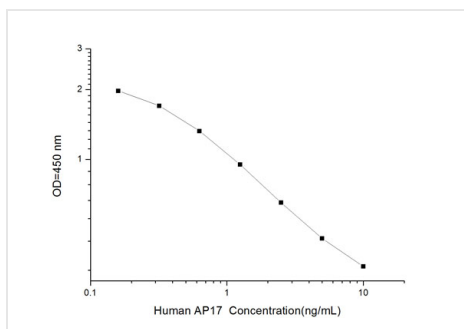
PRODUCT SYNONYMS

AP17; Human AP17 (Apelin 17) ELISA Kit; AP17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human AP17. No significant crossreactivity or interference between Human AP17 and analogues was observed.
Sequence Length	142
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AP17 elisa kit

Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human AP17 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human AP17. During the reaction, Human AP17 in the sample or standard competes with a fixed amount of Human AP17 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human AP17. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the Substrate Reagent is added to each well. The enzyme-substrate reaction is terminated by adding Stop Solution and the color change can be measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Human AP17 in samples can be calculated by comparing the OD of the samples with the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	70906430
NCBI GeneID	1175
NCBI Accession #	NP_004060.2
NCBI GenBank Nucleotide #	NM_004069.4
UniProt Accession #	P53680; O75977; Q6PK67; B2R4Z4
Molecular Weight	12,417 Da
NCBI Official Full Name	AP-2 complex subunit sigma isoform AP17
NCBI Official Synonym Full Names	adaptor-related protein complex 2, sigma 1 subunit
NCBI Official Symbol	AP2S1
NCBI Official Synonym Symbols	AP17; FBH3; HHC3; FBHOK; CLAPS2
NCBI Protein Information	AP-2 complex subunit sigma; HA2 17 kDa subunit; adaptor protein complex AP-2 subunit sigma; clathrin assembly protein 2 sigma small chain; clathrin coat assembly protein AP17; clathrin coat-associated protein AP17; clathrin-associated/assembly/adaptor protein, small 2 (17kD); plasma membrane adaptor AP-2 17 kDa protein; sigma2-adaptin
UniProt Protein Name	AP-2 complex subunit sigma
UniProt Gene Name	AP2S1
UniProt Synonym Gene Names	AP17; CLAPS2
UniProt Entry Name	AP2S1_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/ap17/165141>