

Mouse APP (Amyloid-beta A4 protein) ELISA Kit | APP elisa kit

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CATALOG #
AAA249773

REACTIVITY
Mouse

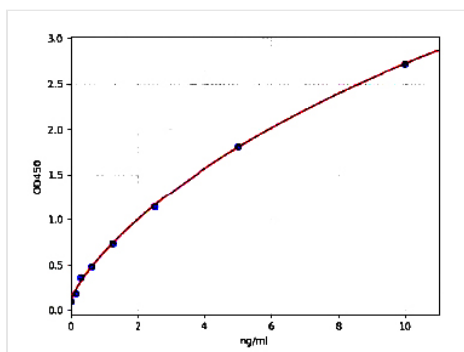
PRODUCT SYNONYMS

APP (Amyloid-beta A4 protein); Mouse APP (Amyloid-beta A4 protein) ELISA Kit; Amyloid-beta A4 protein; ABPP; APP; Alzheimer disease amyloid A4 protein homolog; Amyloid precursor protein; Amyloid-beta precursor protein; Amyloidogenic glycoprotein; AG; N-APP; S-APP-alpha; S-APP-beta; C99; APP-C99; Beta-secretase C-terminal fragment; Beta-CTF; Soluble APP-alpha; Soluble APP-beta; Amyloid-beta protein 42; Abeta42; Beta-APP42; Amyloid-beta protein 40; Abeta40; Beta-APP40; C83; Alpha-secretase C-terminal fragment; Alpha-CTF; P3(42); P3(40); C80; Gamma-secretase C-terminal fragment 59; APP-C59; Amyloid intracellular domain 59; AID(59); Gamma-CTF(59); Gamma-secretase C-terminal fragment 57; APP-C57; Amyloid intracellular domain 57; AID(57); Gamma-CTF(57); Gamma-secretase C-terminal fragment 50; Amyloid intracellular domain 50; AID(50); Gamma-CTF(50); C31; APP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of APP. No significant cross-reactivity or interference between APP and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APP elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311893401
NCBI GeneID	11820
NCBI Accession #	NP_001185752.1
NCBI GenBank Nucleotide #	NM_001198823.1
UniProt Accession #	P12023; P97487; P97942; Q99K32
Molecular Weight	– Da
NCBI Official Full Name	amyloid beta A4 protein isoform 1
NCBI Official Synonym Full Names	amyloid beta (A4) precursor protein
NCBI Official Symbol	App
NCBI Official Synonym Symbols	Ag; Abpp; Adap; Cvap; Abeta; betaApp; E030013M08Rik
NCBI Protein Information	amyloid beta A4 protein
UniProt Protein Name	Amyloid beta A4 protein
UniProt Gene Name	App
UniProt Synonym Gene Names	APP; AG; S-APP-alpha; S-APP-beta; AID(59); AID(57); AID(50)
UniProt Entry Name	A4_MOUSE

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/app-amyloid-beta-a4-protein/249773>