

Human Acetylcholinesterase Associated Protein (ACHAP) ELISA Kit | ACHAP elisa kit

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CATALOG #
AAA63315

REACTIVITY
Human

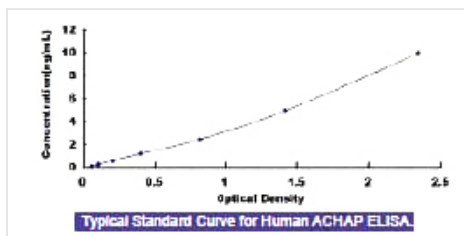
PRODUCT SYNONYMS

Acetylcholinesterase Associated Protein (ACHAP); Human Acetylcholinesterase Associated Protein (ACHAP) ELISA Kit; CUTA; C6orf82; CutA Divalent Cation Tolerance Homolog; Brain acetylcholinesterase putative membrane anchor; ACHAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ACHAP. No significant cross-reactivity or interference between ACHAP and analogues was observed.
Sequence Length	198
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ACHAP 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 ACHAP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACHAP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ACHAP in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ACHAP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ACHAP. 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 ACHAP, 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 ACHAP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62198241
NCBI GeneID	51596
NCBI Accession #	NP_001014433.1
NCBI GenBank Nucleotide #	NM_001014433.2
UniProt Accession #	O60888; Q3B784; Q5JXM9; Q5SU05; Q9NYQ9; A2AB26; A2BEL4
Molecular Weight	16,833 Da
NCBI Official Full Name	protein CutA isoform 1
NCBI Official Synonym Full Names	cutA divalent cation tolerance homolog
NCBI Official Symbol	CUTA
NCBI Official Synonym Symbols	ACHAP; C6orf82
NCBI Protein Information	protein CutA
UniProt Protein Name	Protein CutA
UniProt Gene Name	CUTA
UniProt Synonym Gene Names	ACHAP; C6orf82

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/acetylcholinesterase-associated-protein-achap/63315>