

Human Acetylcholinesterase, AChE ELISA Kit | AChE elisa kit

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CATALOG #
AAA41154

REACTIVITY
Human

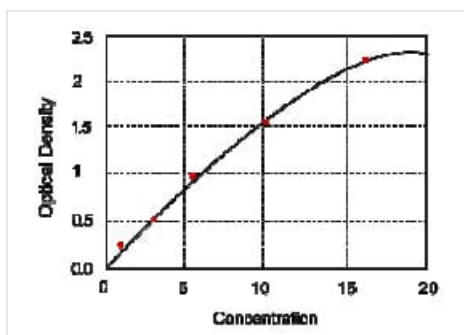
PRODUCT SYNONYMS

Acetylcholinesterase; AChE; Human Acetylcholinesterase; AChE ELISA Kit; AChE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	614
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5mU/ml - 100mU/ml
Sensitivity	0.27mU/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AChE elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Acetylcholinesterase (also known as AChE) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AChE antibody. AChE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AChE Antibody is added and binds to AChE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AChE antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human AChE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	177975
NCBI GeneID	43
UniProt Accession #	P22303; Q16169; Q29S23; Q2M324; Q504V3; Q53F46; Q86TM9; Q86YX9; Q9BXP7; A4D2E2; B7ZKZ0; D6W5X7
Molecular Weight	67,376 Da
NCBI Official Full Name	acetylcholinesterase
NCBI Official Synonym Full Names	acetylcholinesterase (Cartwright blood group)
NCBI Official Symbol	ACHE
NCBI Official Synonym Symbols	YT; ACEE; ARACHE; N-ACHE
NCBI Protein Information	acetylcholinesterase
UniProt Protein Name	Acetylcholinesterase
UniProt Gene Name	ACHE
UniProt Synonym Gene Names	AChE

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://www.aaabiotech.com/human-elisa-kits/acetylcholinesterase-ache/41154>