

Pig Cholinesterase ELISA Kit | BCHE elisa kit

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CATALOG #
AAA193123

REACTIVITY
Pig

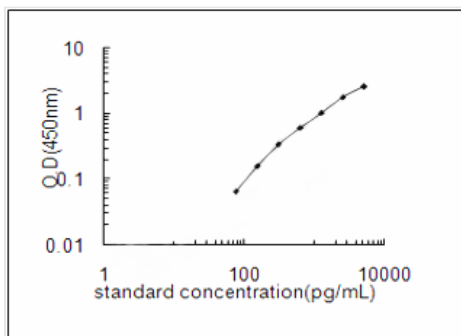
PRODUCT SYNONYMS

Cholinesterase; Pig Cholinesterase ELISA Kit; Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Pseudocholinesterase; BCHE; 3.1.1.8; BCHE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig Cholinesterase. No significant cross-reactivity or interference was observed.
Sequence Length	141
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0 pg/mL -5000 pg/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BCHE elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pigCholinesterase concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cholinesterase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Cholinesterase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Cholinesterase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Cholinesterase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	416799
NCBI GeneID	100624138
UniProt Accession #	P32752
Molecular Weight	15,250 Da
NCBI Official Full Name	Cholinesterase
NCBI Official Symbol	BCHE
NCBI Protein Information	butyrylcholinesterase; Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Cholinesterase; Pseudocholinesterase; butylcholinesterase
UniProt Protein Name	Cholinesterase
UniProt Gene Name	BCHE
UniProt Entry Name	CHLE_PIG

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/bche-pig-elisa-kits/cholinesterase/193123>