

Mouse Angiotensin-converting enzyme ELISA Kit | Ace elisa kit

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CATALOG #
AAA191137

REACTIVITY
Mouse

PRODUCT SYNONYMS

Angiotensin-converting enzyme; Mouse Angiotensin-converting enzyme ELISA Kit; ACE; Dipeptidyl carboxypeptidase I; Kininase II; Ace; Dcp1; 3.2.1.-; CD143; Ace elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	732
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	39 pg/mL
Intra-Assay CV	<=5.4%
Inter-Assay CV	<=9.1%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for Ace elisa kit

Intended Uses||This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33468873
NCBI GeneID	11421
NCBI Accession #	NP_033728.1
NCBI GenBank Nucleotide #	NM_009598.2
UniProt Accession #	P09470; P22967; Q6GTS2
Molecular Weight	84,047 Da

NCBI Official Full Name	angiotensin-converting enzyme isoform 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme (peptidyl-dipeptidase A) 1
NCBI Official Symbol	Ace
NCBI Official Synonym Symbols	CD143; AW208573
NCBI Protein Information	angiotensin-converting enzyme
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	Ace
UniProt Synonym Gene Names	Dcp1; ACE
UniProt Entry Name	ACE_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://www.aaabiotech.com/ace-mouse-elisa-kits/angiotensin-converting-enzyme/191137>