

Human Angiotensin-converting enzyme ELISA Kit | ACE elisa kit

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CATALOG #
AAA309923

REACTIVITY
Human

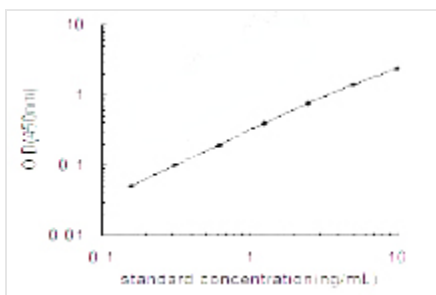
PRODUCT SYNONYMS

Angiotensin-converting enzyme; Human Angiotensin-converting enzyme ELISA Kit; ACE; Dipeptidyl carboxypeptidase I; Kininase II; DCP; DCP1; 3.2.1.-; CD143; ACE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human ACE. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma tissue homogenates and cell culture supernates and other biological fluids
Detection Range	1.15 ng/ml -10.0ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACE elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human angiotensin-converting enzyme, ace 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 ACE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin- conjugated antibody preparation specific for ACE 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 ACE, 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 ACE in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4503273

NCBI GeneID	1636
NCBI Accession #	NP_000780.1
NCBI GenBank Nucleotide #	NM_000789.3
UniProt Accession #	P12821 ; P22966 ; Q53YX9 ; Q59GY8 ; Q7M4L4 ; B0LPF0 ; B4DXI3 ; E7EU16
Molecular Weight	78,694 Da
NCBI Official Full Name	angiotensin-converting enzyme isoform 1
NCBI Official Synonym Full Names	angiotensin I converting enzyme
NCBI Official Symbol	ACE
NCBI Official Synonym Symbols	DCP; ACE1; DCP1; CD143
NCBI Protein Information	angiotensin-converting enzyme
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	ACE
UniProt Synonym Gene Names	DCP; DCP1; ACE

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/ace-human-elisa-kits/angiotensin-converting-enzyme/309923>