

Rabbit Angiotensin-converting enzyme ELISA Kit | ACE elisa kit

Rabbit Angiotensin-converting enzyme (ACE) ELISA Kit

CATALOG #
AAA55825

REACTIVITY
Rabbit

PRODUCT SYNONYMS

Angiotensin-converting enzyme; Rabbit Angiotensin-converting enzyme (ACE) ELISA Kit; ACE1; CD143; DCP; DCP1; MGC26566; MVCD3; CD143 antigen|angiotensin I converting enzyme 1|angiotensin converting enzyme; somatic isoform|carboxypeptidase 1|kininase II|pep; ACE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit ACE. No significant cross-reactivity or interference between Rabbit ACE and analogues was observed.
Sequence Length	732
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ACE elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ACE in samples. An antibody specific for ACE has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ACE present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ACE is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ACE bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723380
NCBI GeneID	100009274
NCBI Accession #	NP_001075864.1
NCBI GenBank Nucleotide #	NM_001082395.1

UniProt Accession #	P12822 ; O02852 ; P22968
Molecular Weight	83,924 Da
NCBI Official Full Name	angiotensin-converting enzyme isoform 1
NCBI Official Symbol	ACE
NCBI Official Synonym Symbols	DCP1; ACE-T
NCBI Protein Information	angiotensin-converting enzyme
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	ACE
UniProt Synonym Gene Names	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://www.aaabiotech.com/ace-rabbit-elisa-kits/angiotensin-converting-enzyme/55825>