

Rat angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 ELISA Kit | ACE elisa kit

Rat Angiotensin converting enzyme, ACE ELISA Kit

CATALOG #
AAA15408

REACTIVITY
Rat

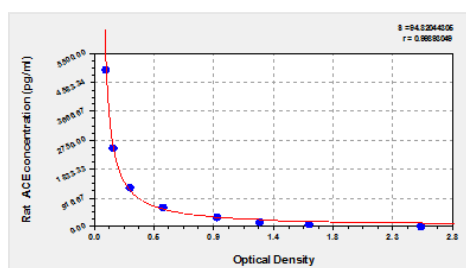
PRODUCT SYNONYMS

angiotensin I converting enzyme (peptidyl-dipeptidase A) 1; Rat Angiotensin converting enzyme; ACE ELISA Kit; ACE1; CD143; DCP; DCP1; MGC26566; MVCD3; CD143 antigen; angiotensin I converting enzyme 1; angiotensin converting enzyme; somatic isoform; carboxycathepsin; dipeptidyl carboxypeptidase 1; kininase II; pep; ACE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat ACE. No significant cross-reactivity or interference between rat ACE and analogues was observed.
Sequence Length	1310
Samples	Serum, plasma, tissue homogenates
Detection Range	78 pg/ml -5000 pg/mL
Sensitivity	<19.5 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACE elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with ACE. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for ACE. The competitive inhibition reaction is launched between with pre-coated ACE and ACE in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of ACE in the samples. 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	150,406 Da
NCBI Official Full Name	angiotensin-converting enzyme isoform 1
NCBI Official Symbol	ACE
NCBI Protein Information	angiotensin-converting enzyme; kininase II; peptidyl dipeptidase i; dipeptidyl carboxypeptidase I; angiotensin I converting enzyme (peptidyl-dipeptidase A) 1
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	ACE
UniProt Synonym Gene Names	DCP1; ACE
UniProt Entry Name	ACE_RABIT

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-rat-elisa-kits/angiotensin-i-converting-enzyme-peptidyl-dipeptidase-a-1/15408>