

Rat Angiotensin I Converting Enzyme, ACEI ELISA Kit | ACEI elisa kit

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CATALOG #
AAA42213

REACTIVITY
Rat

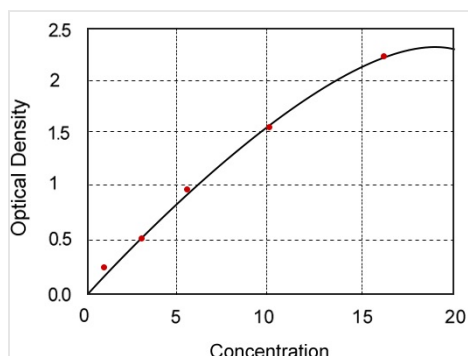
PRODUCT SYNONYMS

Angiotensin I Converting Enzyme; ACEI; Rat Angiotensin I Converting Enzyme; ACEI ELISA Kit; ACEI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	32
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACEI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Angiotensin I Converting Enzyme (also known as ACEI) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ACEI antibody. ACEI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ACEI Antibody is added and binds to ACEI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACEI antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat ACEI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	76057114
NCBI GeneID	1636
UniProt Accession #	P12821; P22966; Q53YX9; Q59GY8; Q7M4L4; B0LPF0; B4DXI3; E7EU16
Molecular Weight	131,659 Da
NCBI Official Full Name	angiotensin I converting enzyme, partial
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://www.aaabiotech.com/rat-elisa-kits/angiotensin-i-converting-enzyme-acei/42213>