

Rat Angiotensin converting enzyme 2, ACE2 ELISA Kit | ACE2 elisa kit

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CATALOG #
AAA43481

REACTIVITY
Rat

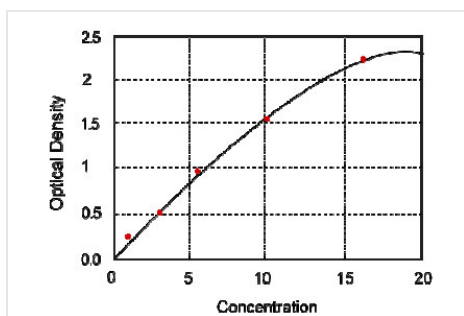
PRODUCT SYNONYMS

Angiotensin converting enzyme 2; ACE2; Rat Angiotensin converting enzyme 2; ACE2 ELISA Kit; ACE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	805
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.5-100ng/ml
Sensitivity	0.23ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 ACE2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Angiotensin converting enzyme 2 (also known as ACE2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ACE2 antibody. ACE2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ACE2 Antibody is added and binds to ACE2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACE2 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 ACE2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58865588
NCBI GeneID	302668
NCBI Accession #	NP_001012006.1
NCBI GenBank Nucleotide #	NM_001012006.1
UniProt Accession #	Q5EGZ1
Molecular Weight	92,491 Da
NCBI Official Full Name	angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme 2
NCBI Official Symbol	Ace2
NCBI Protein Information	angiotensin-converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	Ace2

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/rat-elisa-kits/angiotensin-converting-enzyme-2-ace2/43481>