

Mouse ACE2 (Angiotensin I Converting Enzyme 2) ELISA Kit | ACE2 elisa kit

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CATALOG #
AAA278404

REACTIVITY
Mouse

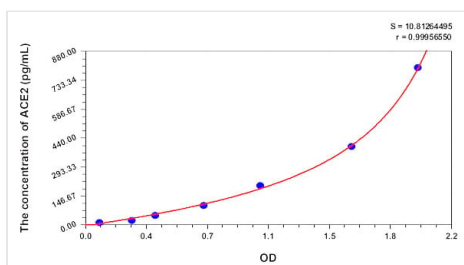
PRODUCT SYNONYMS

ACE2 (Angiotensin I Converting Enzyme 2); Mouse ACE2 (Angiotensin I Converting Enzyme 2) ELISA Kit; ACEH; ACEII; ACE-II; Peptidyl-Dipeptidase A; ACE-related carboxypeptidase; Angiotensin-converting enzyme homolog; Metalloprotease MPROT15; ACE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Detection Range	0.32-20ng/mL
Sensitivity	0.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACE2 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse ACE2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ACE2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse ACE2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse ACE2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for ACE2 elisa kit

[Enzyme & Kinase](#); [Metabolic pathway](#); [Endocrinology](#); [Cardiovascular biology](#); [Neuro science](#); [Hepatology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	71152217
NCBI GeneID	70008

UniProt Accession #	Q8R0I0; Q99N70; Q99N71
Molecular Weight	40,340 Da
NCBI Official Full Name	Angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2
NCBI Official Symbol	Ace2
NCBI Official Synonym Symbols	2010305L05Rik
NCBI Protein Information	angiotensin-converting enzyme 2; ACE-related carboxypeptidase; angiotensin I converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	Ace2
UniProt Entry Name	ACE2_MOUSE

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/mouse-elisa-kits/ace2-angiotensin-i-converting-enzyme-2/278404>