

Rat Angiotensin I Converting Enzyme (ACE) RTU ELISA Kit | ACE rtu elisa kit

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CATALOG #
AAA68824

REACTIVITY
Rat

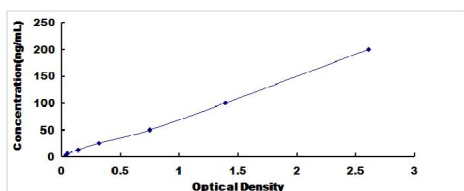
PRODUCT SYNONYMS

Angiotensin I Converting Enzyme (ACE); Rat Angiotensin I Converting Enzyme (ACE) ELISA Kit; CD143; ACE1; DCP1; ACEI; ACE-I; Kininase II; Angiotensin-Converting Enzyme; Peptidyl-Dipeptidase A; Dipeptidyl Carboxypeptidase 1; Angiotensin-converting enzyme; soluble form; ACE rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1313
Assay Type	Sandwich
Samples	Serum, Plasma, Cerebrospinal Fluid or Other Biological Fluids.
Detection Range	3.12-200ng/mL
Sensitivity	1.16ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACE rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ACE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ACE. 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 ACE, 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 $\pm$ 10nm. The concentration of ACE in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978757
NCBI GeneID	24310
NCBI Accession #	NP_036676.1
NCBI GenBank Nucleotide #	NM_012544.1
UniProt Accession #	P47820; Q7TMC6; Q8CFN1; Q9EQM9
Molecular Weight	88,170 Da
NCBI Official Full Name	angiotensin-converting enzyme
NCBI Official Synonym Full Names	angiotensin I converting enzyme
NCBI Official Symbol	Ace
NCBI Official Synonym Symbols	Dcp1; CD143; StsRR92
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/rat-rtu-elisa-kits/angiotensin-i-converting-enzyme-ace/68824>