

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

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CATALOG #
AAA43458

REACTIVITY
Human

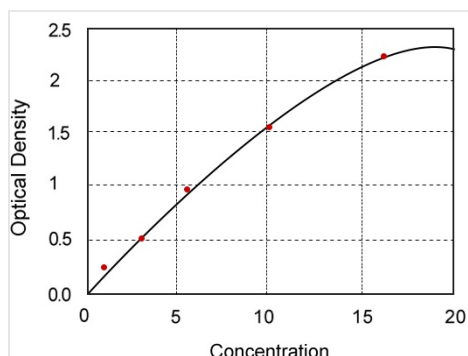
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	805
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.21ng/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 ACE2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Angiotensin Converting Enzym 2 (also known as ACE-2) 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 human ACE-2 antibody. ACE-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ACE-2 Antibody is added and binds to ACE-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACE-2 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 human ACE-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/human-elisa-kits/angiotensin-converting-enzyme-2-ace2/43458>