

Human Angiotensin converting enzyme, ACE ELISA Kit | ACE elisa kit

Human Angiotensin converting enzyme, ACE ELISA Kit

CATALOG #
AAA42574

REACTIVITY
Human

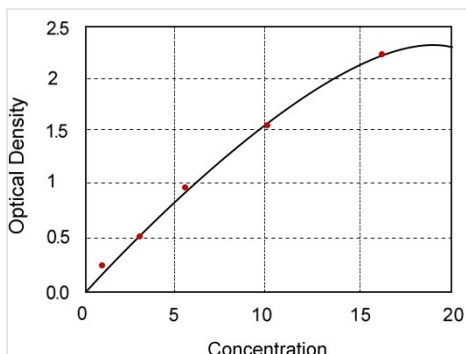
PRODUCT SYNONYMS

Angiotensin converting enzyme; ACE; Human Angiotensin converting enzyme; ACE ELISA Kit; ACE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	615
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1U/L - 400U/L
Sensitivity	0.56U/L
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 ACE elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	24584232
NCBI GeneID	34805
NCBI Accession #	NP_723852.1
NCBI GenBank Nucleotide #	NM_165070.3
UniProt Accession #	Q10714; Q27572; Q9NKE4; Q9TX66; Q9VJV3; A4V0P3
Molecular Weight	70,914 Da
NCBI Official Full Name	angiotensin converting enzyme, isoform B
NCBI Official Synonym Full Names	Angiotensin converting enzyme
NCBI Official Symbol	Ance
NCBI Official Synonym Symbols	ACE; ance; AnCE; ANCE; anon-EST:fe3D10; BG:DS08220.3; br31; CG8827; DmeICG8827; l(2)34Eb; l(2)br31; l34Eb; race; Race; RACE
NCBI Protein Information	angiotensin converting enzyme
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	Ance
UniProt Synonym Gene Names	Race

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/angiotensin-converting-enzyme-ace/42574>