

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

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CATALOG #
AAA43445

REACTIVITY
Canine

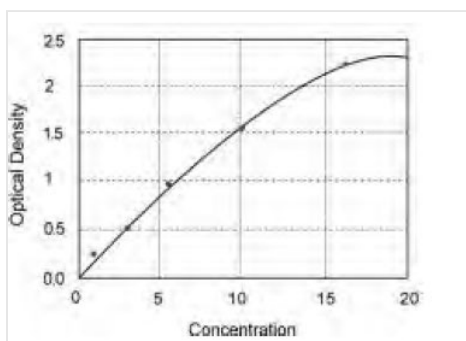
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	615
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.75-48ug/L
Sensitivity	0.32ug/L
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 ACE elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine ACE antibody. ACE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine 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 Canine ACE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Angiotensin converting enzyme (also known as ACE) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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; DmelCG8827; 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.

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Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/angiotensin-converting-enzyme-ace/43445>