

## Porcine ACE ELISA Kit | ACE elisa kit

Porcine ACE (Angiotensin I Converting Enzyme) ELISA Kit

CATALOG #  
**AAA163882**

REACTIVITY  
**Porcine**

### PRODUCT SYNONYMS

ACE; Porcine ACE (Angiotensin I Converting Enzyme) ELISA Kit; ACE elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                  |
| Specificity             | This kit recognizes natural and recombinant Porcine ACE. No significant cross-reactivity or interference between Porcine ACE and analogues was observed. |
| Sequence Length         | 96                                                                                                                                                       |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                         |
| Assay Type              | Sandwich                                                                                                                                                 |
| Detection Range         | 0.781-50ng/mL                                                                                                                                            |
| Sensitivity             | Min: 0.469ng/mL; Max: 50ng/mL                                                                                                                            |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                     |

### ADDITIONAL INFORMATION

#### Related Product Information for ACE elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of Porcine ACE concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ACE. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ACE and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ACE, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ACE. You can calculate the concentration of ACE in the samples by comparing the OD of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|                         |                               |
|-------------------------|-------------------------------|
| NCBI GI #               | 298062                        |
| UniProt Accession #     | P38441; Q9KS10                |
| Molecular Weight        | 11,347 Da                     |
| NCBI Official Full Name | Ace                           |
| UniProt Protein Name    | Accessory cholera enterotoxin |
| UniProt Gene Name       | ace                           |

|                            |           |
|----------------------------|-----------|
| UniProt Synonym Gene Names | Ace       |
| UniProt Entry Name         | ACE_VIBCH |

**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/porcine-elisa-kits/ace/163882>