

Human Angiotensin I Converting Enzyme 2 (ACE2) ELISA Kit | ACE2 elisa kit

Human Angiotensin I Converting Enzyme 2 ELISA Kit (ACE2)

CATALOG #
AAA281557

REACTIVITY
Human

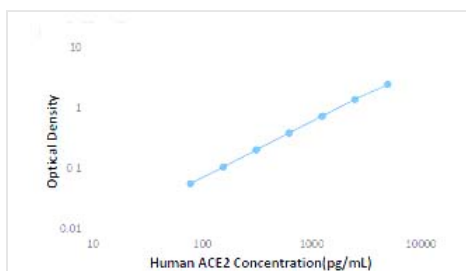
PRODUCT SYNONYMS

Angiotensin I Converting Enzyme 2 (ACE2); Human Angiotensin I Converting Enzyme 2 ELISA Kit (ACE2); ACE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ACE2. No significant cross-reactivity or interference between ACE2 and analogues was observed.
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Sensitivity	< 31.1pg/mL
Intra-assay Precision	Three samples of known concentration were tested 20 times on one plate to evaluate the Intra-plate precision.
Inter-assay Precision	Three samples of known concentration were tested 20 times separate assays to evaluate the Inter-plate precision. Assay were using two lots of components.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACE2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for ACE2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ACE2 present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for ACE2 is added to the wells and binds to the combination of capture antibody ACE2 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate is added. A colored product TMB is formed in proportion to the amount of ACE2 present in the sample. The reaction is terminated by addition of acid and absorbance is measured. A standard curve is prepared from seven ACE2 standard dilutions and ACE2 sample concentration determined.

Background/Introduction: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ACE2 in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

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://www.aaabiotech.com/human-elisa-kits/angiotensin-i-converting-enzyme-2-ace2/281557>