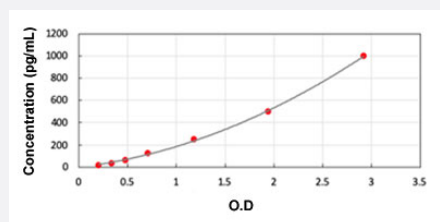


ACE2 (Human) ELISA Kit

Catalog # KA5893

Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	ACE2 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human ACE2.
Suitable Sample	Plasma, Serum and other biological fluids.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.625 to 1000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — ACE2

Entrez GeneID [59272](#)

Protein Accession# [Q9BYF1](#)

Gene Name ACE2

Gene Alias ACEH, DKFZp434A014

Gene Description angiotensin I converting enzyme (peptidyl-dipeptidase A) 2

Omim ID [300335](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxypeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63. [provided by RefSeq]

Other Designations ACE-related carboxypeptidase|OTTHUMP00000022963|angiotensin I converting enzyme 2|angiotensin converting enzyme-like protein

Pathway

- [Renin-angiotensin system](#)

Disease

- [Arrhythmias](#)
- [Atrial Fibrillation](#)
- [Cardiomyopathy](#)

- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypotension](#)
- [Intracranial Aneurysm](#)
- [Malaria](#)
- [Metabolic Syndrome X](#)
- [Sarcoidosis](#)