

Datasheet for ABIN6952471

ACE2 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	ACE2
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.025 ng/mL - 20 ng/mL
Minimum Detection Limit:	0.025 ng/mL
Application:	ELISA

Product Details

Purpose:	Human ACE-2 ELISA Kit for cell culture supernatants, plasma, serum, and lysate samples.
Sample Type:	Cell Culture Cells, Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects Human ACE-2. Other species not determined.
Characteristics:	Human ACE-2 ELISA Kit for cell culture supernatants, plasma, and serum samples.
Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)• Lyophilized Standard• Biotinylated Detection Antibody

Product Details

- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- Distilled or deionized water/li>
- Precision pipettes to deliver 2 µL to 1 µL volumes/li>
- Adjustable 1-25 µL pipettes for reagent preparation/li>
- 100 µL and 1 liter graduated cylinders/li>
- Tubes to prepare standard and sample dilutions/li>
- Absorbent paper/li>
- Microplate reader capable of measuring absorbance at 450nm/li>
- Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target: ACE2

Alternative Name: ACE-2 ([ACE2 Products](#))

Pathways: [ACE Inhibitor Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Protocol:

1. Prepare all reagents, samples and standards as instructed in the manual.
2. Add 100 µL of standard or sample to each well.
3. Incubate 2.5 h at RT or O/N at 4 °C.
4. Add 100 µL of prepared biotin antibody to each well.
5. Incubate 1 h at RT.
6. Add 100 µL of prepared Streptavidin solution to each well.
7. Incubate 45 min at RT.
8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50 µL of Stop Solution to each well.
11. Read at 450 nm immediately.

Sample Preparation: Recommended Dilution (serum & plasma):8 fold

Restrictions: For Research Use only

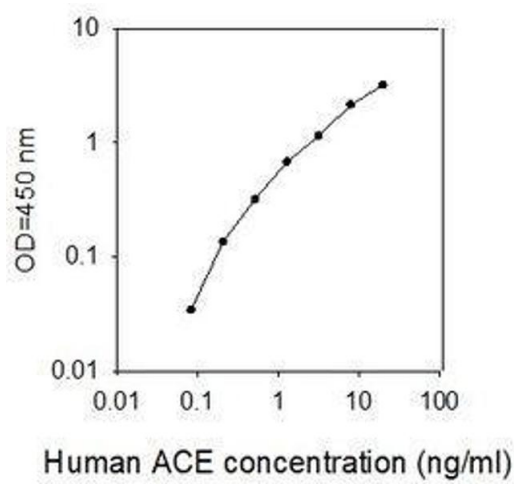
Handling

Storage: 4 °C,-20 °C,-80 °C

Handling

Storage Comment: The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.

Images



ELISA

Image 1.