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Product Datasheet

Mouse ACE2(Angiotensin I Converting Enzyme 2) ELISA Kit EBT-ELK10568

Article Name	Mouse ACE2(Angiotensin I Converting Enzyme 2) ELISA Kit
Biozol Catalog Number	EBT-ELK10568
Supplier Catalog Number	ELK10568
Alternative Catalog Number	EBT-ELK10568-96, EBT-ELK10568-48, EBT-ELK10568-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.13 ng/mL
UniProt	Q8R0I0
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Endocrinology, Cardiovascular biology, Neuro science, Hepatology,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse ACE2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ACE2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse ACE2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Mouse ACE2 in the samples is then determined by comparing the OD of the samples to the standard curve
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