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Product Datasheet

Pig ACE(Angiotensin I Converting Enzyme) ELISA Kit EBT-ELK10677

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| Artikelname | Pig ACE(Angiotensin I Converting Enzyme) ELISA Kit |
| Artikelnummer | EBT-ELK10677 |
| Hersteller Artikelnummer | ELK10677 |
| Alternativnummer | EBT-ELK10677-96, EBT-ELK10677-96X5, EBT-ELK10677-48 |
| Hersteller | ELK Biotechnology |
| Kategorie | Kits/Assays |
| Spezies Reaktivität | Porcine |
| Konzentration | 50 ng/mL |
| Detektionsbereich | 0.79-50 ng/mL |
| Sensitivitaet | 0.21 ng/mL |
| UniProt | F1RRW5 |
| Proben | Serum, plasma and other biological fluids. |

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Cardiovascular biology,. 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 Pig ACE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig ACE. 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 Pig ACE, 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 Pig ACE in the samples is then determined by comparing the OD of the samples to the standard curve