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## Product Datasheet

### Rat Ang1-7(Angiotensin 1-7) ELISA Kit EBT-ELK10827

|                            |   |
|----------------------------|---|
| Article Name               | Rat Ang1-7(Angiotensin 1-7) ELISA Kit   |
| Biozol Catalog Number      | EBT-ELK10827  |
| Supplier Catalog Number    | ELK10827  |
| Alternative Catalog Number | EBT-ELK10827-96, EBT-ELK10827-96X5, EBT-ELK10827-48   |
| Manufacturer               | ELK Biotechnology   |
| Category                   | Kits/Assays   |
| Species Reactivity         | Rat   |
| Concentration              | 1000 pg/mL  |
| Range                      | 15.63-1000 pg/mL  |
| Sensitivity                | 4.68 pg/mL  |
| Samples                    | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluid |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, 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 Rat Ang1-7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Ang1-7. 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 Rat Ang1-7, 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 Rat Ang1-7 in the samples is then determined by comparing the OD of the samples to the standard curve