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## Product Datasheet

### Rat hs-cTnT(High Sensitivity Cardiac Troponin T) ELISA Kit EBT-ELK0844

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| Artikelname              | Rat hs-cTnT(High Sensitivity Cardiac Troponin T) ELISA Kit                                           |
| Artikelnummer            | EBT-ELK0844                                                                                          |
| Hersteller Artikelnummer | ELK0844                                                                                              |
| Alternativnummer         | EBT-ELK0844-96, EBT-ELK0844-48, EBT-ELK0844-96X5                                                     |
| Hersteller               | ELK Biotechnology                                                                                    |
| Kategorie                | Kits/Assays                                                                                          |
| Spezies Reaktivität      | Rat                                                                                                  |
| Konzentration            | 1000 pg/mL                                                                                           |
| Detektionsbereich        | 15.63-1000 pg/mL                                                                                     |
| Sensitivitaet            | 5.2 pg/mL                                                                                            |
| Proben                   | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

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| Anwendungsbeschreibung | <p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: 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 hs-cTnT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat hs-cTnT. 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 hs-cTnT, 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 hs-cTnT in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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