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Product Datasheet

Cattle Endothelin1 (ET-1) ELISA Kit BYT-ORB782633

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| Article Name | Cattle Endothelin1 (ET-1) ELISA Kit |
| Biozol Catalog Number | BYT-ORB782633 |
| Supplier Catalog Number | orb782633 |
| Alternative Catalog Number | BYT-ORB782633-48, BYT-ORB782633-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Application | ELISA |
| Species Reactivity | Bovine |
| Product Description | 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 Endothelin 1(EDN1).... |
| Concentration | 1000 pg/mL |
| Range | 15.63-1000 pg/mL |
| Sensitivity | 4.56 pg/mL |
| UniProt | P17322 |
| Samples | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Application Notes: standard: 1000 pg/mL. 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 Cattle ET-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle ET-1. 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 Cattle ET-1, 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 Cattle ET-1 in the samples is then determined by comparing the OD of the samples to the standard curve