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## Product Datasheet

### **Cattle NitricOxide Synthase 2, Inducible (NOS2/iNOS) ELISA Kit BYT-ORB782597**

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|--------------------------|--|
| Artikelname              | Cattle NitricOxide Synthase 2, Inducible (NOS2/iNOS) ELISA Kit   |
| Artikelnummer            | BYT-ORB782597  |
| Hersteller Artikelnummer | orb782597  |
| Alternativnummer         | BYT-ORB782597-48, BYT-ORB782597-96   |
| Hersteller               | Biorbyt  |
| Kategorie                | Kits/Assays  |
| Applikation              | ELISA  |
| Spezies Reaktivität      | Bovine   |
| Produktbeschreibung      | 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 Nitric Oxide Synthase 2, Inducible(NOS2).... |
| Konzentration            | 20 ng/mL   |
| Detektionsbereich        | 0.32-20 ng/mL  |
| Sensitivitaet            | 0.124 ng/mL  |
| UniProt                  | <a href="#">Q27995</a>   |
| Proben                   | Serum, plasma, tissue homogenates and other biological fluids.   |

Anwendungsbeschreibung

Application Notes: standard: 20 ng/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 NOS2/iNOS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle NOS2/iNOS. 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 NOS2/iNOS, 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 NOS2/iNOS in the samples is then determined by comparing the OD of the samples to the standard curve