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## Product Datasheet

### **Cattle PAG2(Pregnancy associated glycoprotein 2) ELISA Kit BYT-ORB3126858**

Artikelname	Cattle PAG2(Pregnancy associated glycoprotein 2) ELISA Kit
Artikelnummer	BYT-ORB3126858
Hersteller Artikelnummer	orb3126858
Alternativnummer	BYT-ORB3126858-48, BYT-ORB3126858-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Produktbeschreibung	Cattle PAG2(Pregnancy associated glycoprotein 2) ELISA Kit...
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.129 ng/mL
UniProt	<a href="#">Q28057</a>
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: 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 PAG2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PAG2. 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 PAG2, 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 PAG2 in the samples is then determined by comparing the OD of the samples to the standard curve