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Product Datasheet

Cattle Bone Morphogenetic Protein 2 (BMP2) ELISA Kit BYT-ORB780933

Artikelname	Cattle Bone Morphogenetic Protein 2 (BMP2) ELISA Kit
Artikelnummer	BYT-ORB780933
Hersteller Artikelnummer	orb780933
Alternativnummer	BYT-ORB780933-48, BYT-ORB780933-96
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 Bone Morphogenetic Protein 2(BMP2)....
Konzentration	10 ng/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	6.3 pg/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

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 BMP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle BMP2. 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 BMP2, 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 BMP2 in the samples is then determined by comparing the OD of the samples to the standard curve