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Product Datasheet

Cattle Insulin Like Growth Factor Binding Protein 5 (IGFBP5) ELISA Kit BYT-ORB2667473

Artikelname	Cattle Insulin Like Growth Factor Binding Protein 5 (IGFBP5) ELISA Kit
Artikelnummer	BYT-ORB2667473
Hersteller Artikelnummer	orb2667473
Alternativnummer	BYT-ORB2667473-48,BYT-ORB2667473-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Produktbeschreibung	Cattle Insulin Like Growth Factor Binding Protein 5 (IGFBP5) ELISA Kit...
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.52 ng/mL
UniProt	Q05717
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 100 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 IGFBP5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle IGFBP5. 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 IGFBP5, 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 IGFBP5 in the samples is then determined by comparing the OD of the samples to the standard curve