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Product Datasheet

Cattle Prolactin (PRL) ELISA Kit BYT-ORB782015

Artikelname	Cattle Prolactin (PRL) ELISA Kit
Artikelnummer	BYT-ORB782015
Hersteller Artikelnummer	orb782015
Alternativnummer	BYT-ORB782015-48, BYT-ORB782015-96
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 Prolactin(PRL)....
Konzentration	20 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.39 ng/mL
UniProt	P01239
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 200 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 PRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PRL. 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 PRL, 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 PRL in the samples is then determined by comparing the OD of the samples to the standard curve