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Product Datasheet

Cattle Pepsinogen A (PGA) ELISA Kit BYT-ORB1291349

Artikelname	Cattle Pepsinogen A (PGA) ELISA Kit
Artikelnummer	BYT-ORB1291349
Hersteller Artikelnummer	orb1291349
Alternativnummer	BYT-ORB1291349-48, BYT-ORB1291349-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Bovine
Produktbeschreibung	Cattle PGA (Pepsinogen A) ELISA Kit...
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.111 ng/mL
Proben	Serum, plasma 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 PGA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PGA. 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 PGA, 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 PGA in the samples is then determined by comparing the OD of the samples to the standard curve