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## Product Datasheet

### Cattle Hemoglobin (HB) ELISA Kit BYT-ORB782001

Artikelname	Cattle Hemoglobin (HB) ELISA Kit
Artikelnummer	BYT-ORB782001
Hersteller Artikelnummer	orb782001
Alternativnummer	BYT-ORB782001-48, BYT-ORB782001-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Bovine
Produktbeschreibung	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Hemoglobin(HB) protein. Standards or samples are added to the appropriate microtiter plate wells then with ...
Konzentration	1000 µg/mL
Detektionsbereich	15.63-1000 µg/mL
Sensitivitaet	5.7 µg/mL
Proben	Serum, plasma, erythrocyte lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 1000 µg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle HB protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle HB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 HB in the samples is then determined by comparing the OD of the samples to the standard curve