

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

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

Article Name	Cattle Hemoglobin (HB) ELISA Kit
Biozol Catalog Number	BYT-ORB782001
Supplier Catalog Number	orb782001
Alternative Catalog Number	BYT-ORB782001-48, BYT-ORB782001-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Bovine
Product Description	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 ...
Concentration	1000 µg/mL
Range	15.63-1000 µg/mL
Sensitivity	5.7 µg/mL
Samples	Serum, plasma, erythrocyte lysates and other biological fluids

Application Notes

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