

Product Datasheet

Cattle bHB(Beta-Hydroxybutyric Acid) ELISA Kit (orb1946559)

Description	Cattle bHB(Beta-Hydroxybutyric Acid) ELISA Kit
Reactivity	Bovine
Range	1.57-100 µg/mL
Target	bHB
Note	For research use only
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Beta-Hydroxybutyric Acid(Cattle bHB) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Beta-Hydroxybutyric Acid(Cattle bHB). 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 Beta-Hydroxybutyric Acid(Cattle bHB) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Sensitivity	0.48 µg/mL
Expiration Date	Please enquire.

