

Product Datasheet

Avian Beta-Hydroxybutyric Acid (bHB) ELISA Kit (orb782471)

Catalog Number	orb782471
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Beta-Hydroxybutyric Acid(bHB) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Beta-Hydroxybutyric Acid(bHB).
Reactivity	Aves
Concentration	100 µg/mL
Tested applications	ELISA
Application notes	standard: 100 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 Avian Avian bHB protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Avian Avian 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 Avian Avian bHB in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2h
Range	1.57-100 µg/mL

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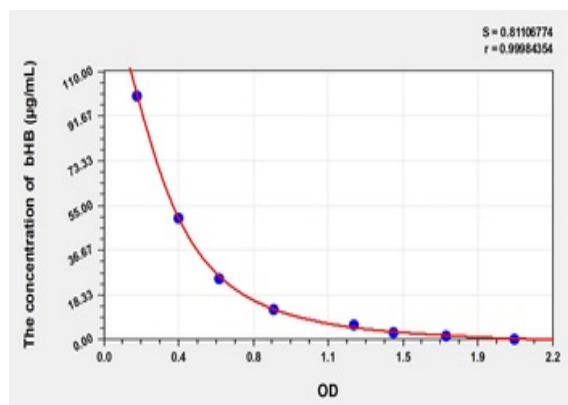
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Sensitivity	0.46 µg/mL
Sample Types	serum, plasma, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	6 months from date of receipt.

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