

Product Datasheet

Chicken Hemoglobin (HB) ELISA Kit (orb782565)

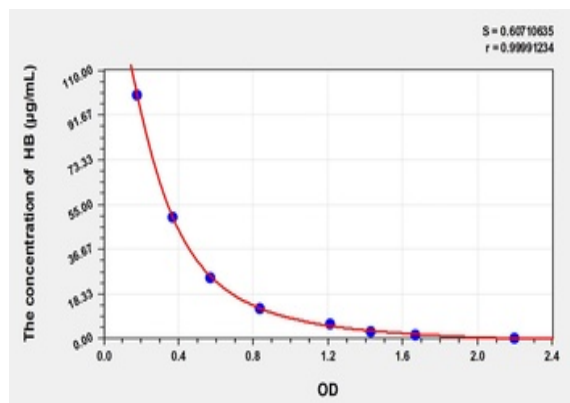
Catalog Number	orb782565
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Hemoglobin(HB) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Hemoglobin(HB).
Reactivity	Gallus
Range	1.57-100 µg/mL
Tested Applications	ELISA
Concentration	100 µg/mL
Note	For research use only
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 Chicken HB protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken 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 Chicken HB in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma, erythrocyte lysates and other biological fluids
Assay Time	2.5h
Sensitivity	0.51 µg/mL
Expiration Date	Please enquire.

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