

Product Datasheet

General Actin Beta (ACTb) ELISA Kit (orb1806560)

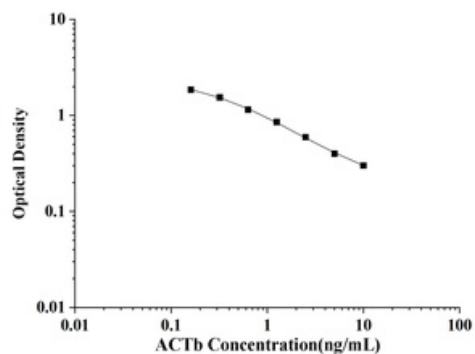
Catalog Number	orb1806560
Category	Assays and Kits
Description	General Actin Beta (ACTb) ELISA Kit
Target	ACTb
Reactivity	All
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Actin Beta(ACTb) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Actin Beta(ACTb). 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 $\pm$ 10nm. The concentration of Actin Beta(ACTb) in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Competitive
Assay Time	1.5H
Standard	10ng/mL
Range	0.16-10ng/mL
Sensitivity	0.057 ng/mL
Sample Types	tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only

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