

Product Datasheet

Plant IAA(Indole 3 Acetic Acid) ELISA Kit (orb1946582)

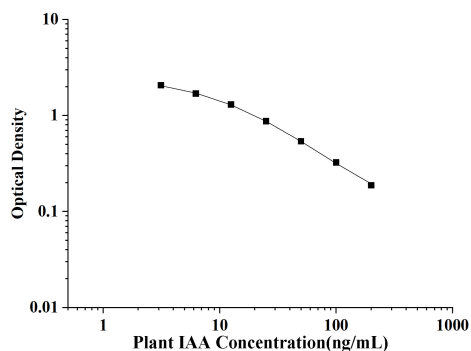
Catalog Number	orb1946582
Description	Plant IAA(Indole 3 Acetic Acid) ELISA Kit
Reactivity	Plant
Range	3.13-200 ng/mL
Target	IAA
Note	For research use only
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Indole 3 Acetic Acid(IAA) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Indole 3 Acetic Acid(IAA). 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 Indole 3 Acetic Acid(IAA) in the samples is then determined by comparing the OD of the samples to the standard curve.
Sample Types	tissue or cell culture supernates
Assay Time	1.5H
Sensitivity	0.89 ng/mL
Expiration Date	Please enquire.

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