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Product Datasheet

Plant Salicylic Acid (SA) ELISA Kit BYT-ORB782496

Article Name	Plant Salicylic Acid (SA) ELISA Kit
Biozol Catalog Number	BYT-ORB782496
Supplier Catalog Number	orb782496
Alternative Catalog Number	BYT-ORB782496-48, BYT-ORB782496-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Plant
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Salicylic Acid (SA) protein. Standards or samples are added to the appropriate microtiter plate wells then ...
Concentration	10 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.6 ng/mL
Samples	plant tissues

Application Notes

Application Notes: standard: 10 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Plant Salicylic Acid protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Plant Salicylic Acid. 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 Plant Salicylic Acid in the samples is then determined by comparing the OD of the samples to the standard curve