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## Product Datasheet

### Plant Indole 3 Acetic Acid (IAA) ELISA Kit BYT-ORB782547

Artikelname	Plant Indole 3 Acetic Acid (IAA) ELISA Kit
Artikelnummer	BYT-ORB782547
Hersteller Artikelnummer	orb782547
Alternativnummer	BYT-ORB782547-48, BYT-ORB782547-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Plant
Produktbeschreibung	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...
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	0.88 ng/mL
Pubmed	<a href=https://pubmed.ncbi.nlm.nih.gov/38901500 target=_blank rel=nofollow>38901500
Proben	plant tissues

Anwendungsbeschreibung

Application Notes: standard: 200 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 IAA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Plant 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 10nm. The concentration of Plant IAA in the samples is then determined by comparing the OD of the samples to the standard curve