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## Product Datasheet

### Plant Myo Inositol Oxygenase (MIOX) ELISA Kit BYT-ORB782358

Article Name	Plant Myo Inositol Oxygenase (MIOX) ELISA Kit
Biozol Catalog Number	BYT-ORB782358
Supplier Catalog Number	orb782358
Alternative Catalog Number	BYT-ORB782358-48, BYT-ORB782358-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Plant
Product Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myo Inositol Oxygenase(MIOX)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.054 ng/mL
UniProt	<a href="#">Q5Z8T3</a>
Samples	plant tissues

Application Notes

Application Notes: standard: 10 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Plant MIOX. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Plant MIOX. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Plant MIOX, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 MIOX in the samples is then determined by comparing the OD of the samples to the standard curve