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Product Datasheet

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

Artikelname	Plant Myo Inositol Oxygenase (MIOX) ELISA Kit
Artikelnummer	BYT-ORB782358
Hersteller Artikelnummer	orb782358
Alternativnummer	BYT-ORB782358-48, BYT-ORB782358-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Plant
Produktbeschreibung	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)....
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.054 ng/mL
UniProt	Q5Z8T3
Proben	plant tissues

Anwendungsbeschreibung

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