

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Plant Gibberellic Acid (GA) ELISA Kit BYT-ORB782548

Article Name	Plant Gibberellic Acid (GA) ELISA Kit
Biozol Catalog Number	BYT-ORB782548
Supplier Catalog Number	orb782548
Alternative Catalog Number	BYT-ORB782548-48, BYT-ORB782548-96
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 Gibberellic Acid(GA) protein. Standards or samples are added to the appropriate microtiter plate wells then...
Concentration	10000 ng/mL
Range	156.25-10000 ng/mL
Sensitivity	52 ng/mL
Samples	plant tissues

Application Notes

Application Notes: standard: 10000 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 GA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Plant GA. 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 GA in the samples is then determined by comparing the OD of the samples to the standard curve