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Product Datasheet

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

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| Article Name | Plant Indole 3 Acetic Acid (IAA) ELISA Kit |
| Biozol Catalog Number | BYT-ORB782547 |
| Supplier Catalog Number | orb782547 |
| Alternative Catalog Number | BYT-ORB782547-48, BYT-ORB782547-96 |
| 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 Indole 3 Acetic Acid(IAA) protein. Standards or samples are added to the appropriate microtiter plate wells... |
| Concentration | 200 ng/mL |
| Range | 3.13-200 ng/mL |
| Sensitivity | 0.88 ng/mL |
| Pubmed | https://pubmed.ncbi.nlm.nih.gov/38901500 target=_blank rel=nofollow>38901500 |
| Samples | plant tissues |

Application Notes

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