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Product Datasheet

Spinach Trx(Thioredoxin) ELISA Kit EBT-ELK7909

Article Name	Spinach Trx(Thioredoxin) ELISA Kit
Biozol Catalog Number	EBT-ELK7909
Supplier Catalog Number	ELK7909
Alternative Catalog Number	EBT-ELK7909-96,EBT-ELK7909-48,EBT-ELK7909-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Plant
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.118 ng/mL
Samples	Plant tissue or cell culture supernates.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Developmental science,. 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 Spinach Trx. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Spinach Trx. 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 Spinach Trx, 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 Spinach Trx in the samples is then determined by comparing the OD of the samples to the standard curve