



Soil Acid Protease Activity Assay kit

Soil protease is involved in the conversion of amino acids, proteins and other organic compounds containing protein nitrogen in the soil, and its hydrolysate is one of the nitrogen sources of higher plants. S-ACPT catalyzes protein hydrolysis in an acidic environment, which is related to the content of soil organic matter, nitrogen and other soil properties.

Under acidic conditions, S-ACPT can hydrolyze casein to produce tyrosine; under alkaline conditions, tyrosine reduces phosphomolybdic acid compounds to produce tungsten blue; there is a characteristic absorption peak at 680nm.

Catalog No.	251086
Size	50 Assays / 100 Assays
Product Category	Soil Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs