CREATIVE BIOMART®
Assay Kit

Soil Alkaline Phosphatase (S-AKP/ALP) Activity Assay Kit

Product Information

Product Overview

Significance: Soil phosphatases catalyze the mineralization of organic phosphorus, affecting phosphorus bioavailability and serving as indicators of phosphorus turnover. Phosphatase activity is influenced by soil carbon, nitrogen, phosphorus content, and pH.
Principle: Under alkaline conditions, the enzyme hydrolyzes disodium phenyl phosphate to phenol and phosphate. Phenol formation is quantified to calculate enzyme activity.

Size

50t/48s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA