CREATIVE BIOMART®
Assay Kit

# Soil Neutral Phosphatase (S-NP) Activity Assay Kit

## Product Information

**Product Overview**

Significance: Soil phosphatases catalyze the mineralization of organic phosphorus compounds, directly affecting phosphorus availability in soil. Their activity serves as an indicator of phosphorus transformation intensity and direction and is influenced by soil carbon, nitrogen, available phosphorus, and pH.
Principle: Under neutral conditions, S-NP catalyzes the hydrolysis of disodium phenyl phosphate to produce phenol and disodium phosphate. S-NP activity is calculated by measuring phenol production.

**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