CREATIVE BIOMART®
Assay Kit

Soil Urease (S-UE) Activity Assay Kit

Product Information

Product Overview

Significance: Soil urease catalyzes the hydrolysis of urea into ammonia and carbon dioxide. Its activity is positively correlated with soil microbial abundance, organic matter content, total nitrogen, and available nitrogen, serving as an indicator of soil nitrogen status.
Principle: Using urea as the substrate, ammonia nitrogen (NH₃-N) produced by urease is quantified by the indophenol blue colorimetric method. The intensity of the blue color is proportional to ammonia concentration.

Size

50t/24s

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