CREATIVE BIOMART®
Assay Kit

Nitrate Reductase (NR) Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Nitrate reductase (NR, EC 1.7.1.3) is a key enzyme in nitrate assimilation in plants and plays an important role in crop yield and quality.
Principle of Measurement: NR catalyzes the reduction of nitrate to nitrite. NADH exhibits a characteristic absorption peak at 340 nm, and changes in absorbance at 340 nm are used to determine NR activity.

Size

100t/96s

Storage

Store at -20 °C. Shelf life: 6 months.

Synonyms

NR Kit

Detection method Spectrophotometer/Microplate Reader

Technical Notes

For measurements using a 96-well plate, a 96-well UV plate must be used.

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