



Soil Nitrite Reductase Activity Assay kit

Soil nitrite reductase is one of the key enzymes in denitrification and participates in the reduction reaction of nitrite to NO. Its activity reflects the conversion efficiency of nitrogen in the process of biodegradation, which is the law of nitrogen conversion. Research provides a certain basis.

Nitrite reductase can reduce NO₂⁻ to NO, reducing the NO₂⁻ that participates in the diazotization reaction to produce purple-red compounds in the sample, that is, the change in absorbance at 540nm can reflect the activity of nitrite reductase in the soil.

Catalog No.	251299
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs