



Soil Nitrate Reductase Activity Assay kit

S-NR catalyzes the reduction of nitrate in the soil to nitrite, and is a key enzyme for the reduction of nitrate nitrogen in the soil. Studying the activity of S-NR is of great significance for rational fertilization and reduction of nitrogen loss.

S-NR catalyzes the reduction of nitrate to nitrite; the produced nitrite can interact with p-aminobenzenesulfonic acid and alpha-under acidic conditions. Naphthylamine quantitatively generates red azo compounds; the generated red azo compounds have a maximum absorption peak at 540 nm, which can be determined by spectrophotometry.

Catalog No.	251310
Size	50 Assays / 100 Assays
Product Category	Soil Assay
Detection Method	Visible spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs