



Soil Acid Invertase Activity Assay kit

S-AI catalyzes the irreversible decomposition of sucrose into fructose and glucose under pH 4.5~5.0 (acidic) conditions, and is a key enzyme in sucrose metabolism of soil microorganisms. S-AI catalyzes the degradation of sucrose to produce reducing sugars, and further reacts with 3,5-dinitrosalicylic acid to produce brown-red amino compounds, which have characteristics at 540nm.

In a certain range, the increase rate of 540nm light absorption is directly proportional to the activity of S-AI.

Catalog No.	251307
Size	50 Assays / 100 Assays
Product Category	Soil Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs