

# innuSPEED Soil DNA Kit 2.0

The innuSPEED Soil DNA Kit 2.0 is a tool for extracting microbial DNA from soil samples.

The extraction combines rapid homogenization of extremely complex starting material with efficient digestion of microbial cell walls in specially developed Lysis Tubes (using a SpeedMill, Retsch mixer mill or other homogenizer). After mechanical lysis followed by a thermal lysis step, the DNA is selectively bound to the surface of a spin filter membrane. A novel wash buffer efficiently removes inhibitors such as humic acids. Finally, DNA is eluted from the membrane using a low-salt buffer.

**Product Name:** innuSPEED Soil DNA Kit 2.0

## Product details

**Extract:** DNA

**Reactions:** 10 / 50 / 100 / 250 (either or)

**Sample type/Starting material:** Soil

**Specifications:**  
**Extraction time**

Homogenization and lysis: 30 minutes

Purification: approx. 16 minutes

### **Average yield**

Depends on the type and quantity of microorganisms in the soil

Up to 30 µg

### **Starting material**

Soil samples (400 mg)

### **Binding capacity**

Column binding capacity: > 30 µg DNA

### **Average purity**

1,7 - 2,0

## The online shop

Price: € 65.00

Content: 10 reactions

Please select packing  ▼