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 10 reactions ▼