



Innuscreen

innovative
Sensor
Technology

innuSPEED Soil DNA Kit Advanced

The innuSPEED Soil DNA Kit Advanced delivers significantly improved removal of humic substances and other PCR inhibitors commonly found in soil samples. Optimized buffer systems and advanced purification steps ensure exceptional DNA purity, stable and reproducible PCR performance, and reliable yields — even from highly inhibitory soil matrices. This makes the kit a robust and dependable solution for downstream molecular applications involving challenging environmental samples.

The kit is based on patented DNA extraction technology and combines an initial very efficient homogenization step with the subsequent binding of the DNA on a spin filter. After washing steps, the bound DNA is eluted using a low salt elution buffer. The extracted DNA can be used for different downstream applications like PCR, qPCR, Digital PCR or Nanopore Sequencing.

Product Name: innuSPEED Soil DNA Kit Advanced

Product details

Extract: DNA

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

Sample type/Starting material: Soil

Specifications:

Extraction time

Homogenization and lysis: 10 minutes

Purification: approx. 15 minutes

Average yield

Depends on the type and quantity of microorganisms in the soil

Up to 30 µg

Starting material

Soil samples (200 - 400 mg)

Binding capacity

Column binding capacity: > 30 µg DNA

Average purity

1,7 – 2,0

The online shop

Preis: € 65.00

Inhalt: 10 reactions

Please select packing ▼