



SPINeasy® DNA Maxi Kit for Soil

has been optimized to efficiently extract pure microbial DNA from large amounts of soil, making it compatible with all types of soil samples. Whether you're working with compost (up to 10 g) or sand (up to 20 g), our kit is designed to effectively lyse a variety of microbiome populations including bacteria, fungi, viruses, and protists, resulting in higher purity and reduced processing time.

With the SPINeasy® DNA Maxi Kit for Soil, there's no need for further inhibitor removal steps. The isolated DNA is fully compatible with downstream PCR and NGS applications, including 16S and whole genome sequencing.



Features

Maxi Column: BigPrep Lysing Matrix YB allows for mass sample processing

High Capacity: Process up to 20 g of soil samples

Duo Workflow: Flexibility to use either Centrifugation or Vacuum Manifold protocol for faster processing

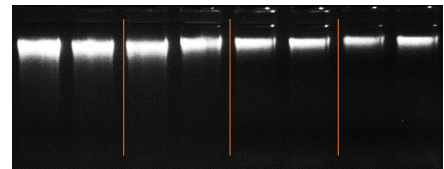
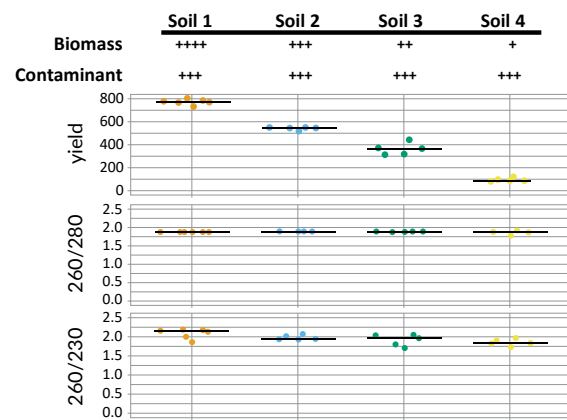
Versatility: Optimized for both high- and low-biomass samples

Performance

The performance of SPINeasy® DNA Maxi Kit for Soil has been extensively validated across a diverse range of soil types and starting sample amounts. This kit consistently produces high-quality DNA with optimal A260/280 and A260/230 ratios, ensuring accurate downstream analysis.

Furthermore, the exceptional reproducibility is evidenced by similar yields obtained when using the same amount of starting sample in repeat experiments.

Isolation from various soils



The SPINeasy® DNA Maxi Kit for Soil extracts genomic DNA from a wide range of soils irrespective of its microbial load or contamination level. It delivers up to 800µg of DNA from 10g of soil with an optimal purity.



Catalogue

Product Description	Preps	Cat No.
SPINeasy® DNA Maxi Kit for Soil	10	116549010