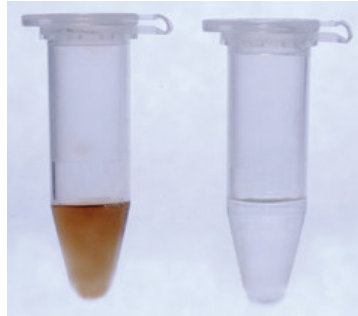


## PowerSoil™ DNA Isolation Kit

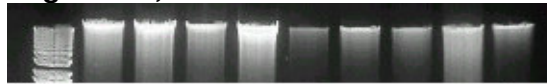
The Difference Is Clear!



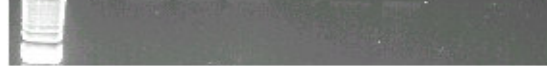
**Other Suppliers**      **Mo Bio PowerSoil**

### High Yield, Intact Genomic DNA

**Mo Bio PowerSoil™**



Supplier A



Supplier B



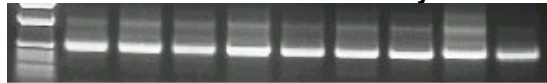
M 1 2 3 4 5 6 7 8 9

**Lane M** - DNA-Marker  
**Lane 1** - Landfill 0-3 inches  
**Lane 2** - Landfill 3-6 inches  
**Lane 3** - Late-stage Compost  
**Lane 4** - Coffee Compost  
**Lane 5** - Marine Sediment  
**Lane 6** - Lake Sediment  
**Lane 7** - Mud Sediment  
**Lane 8** - Horse Manure  
**Lane 9** - Mulch Topsoil

Total Genomic DNA was isolated from nine different sample types using the Mo Bio PowerSoil™ Kit and soil DNA isolation kits from two other suppliers. All isolations were performed following the manufacturer's protocols. Eluted Genomic DNA was displayed on a 0.8% TAE agarose gel (15 µl per lane).

### Confidence in Your PCR Analysis

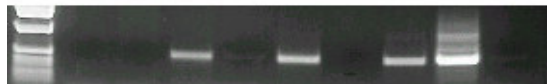
**Mo Bio PowerSoil™**



Supplier A



Supplier B



M 1 2 3 4 5 6 7 8 9

**Lane M** - DNA-Marker  
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**Lane 8** - Horse Manure  
**Lane 9** - Mulch Topsoil

PCR analysis using eubacterial primers was performed on 1 µl of the undiluted DNA eluate. PCR products were displayed on a 0.8% TAE agarose gel.



## PowerSoil™ DNA Isolation Kit

### Specifications

PowerSoil™ DNA Kits	
Format	Silica Spin Filter Tubes
Method	Bead Beating
Binding Capacity	Up to 20 µg per filter
Through-put	1 - 24 samples
Time	30 minutes
Equipment Required	Vortex Adapter

### Kit

Component	12888-50	12888-100
PowerBead Tubes	50	100
Solution C1	1 x 3.3 ml	1 x 6.6 ml
Solution C2	1 x 14 ml	1 x 28 ml
Solution C3	1 x 11 ml	1 x 22 ml
Solution C4	1 x 72 ml	1 x 144 ml
Solution C5	1 x 27.5 ml	1 x 55 ml
Solution C6	1 x 6 ml	1 x 12 ml
Spin Filters In Tubes	50	100
Collection Tubes	200	400

### Ordering Information

Catalog no.	Description	Quantity	
12888-50	PowerSoil™ DNA Isolation Kit*	50 Preps	219 EUR ex.
12888-100	PowerSoil™ DNA Isolation Kit*	100 Preps	425 EUR ex.

### Related Products

12224-50	UltraClean™ Microbial DNA Isolation Kit	50 Preps	88 EUR ex.
12500-50	UltraClean™ PCR Clean-Up™ Kit	50 Preps	85 EUR ex.
12400-50	UltraClean™ GelSpin™ Kit	50 Preps	85 EUR ex.
13000-V1	Vortex Adapter	1 unit	71 EUR ex.
17000-10	PCR Water	10 x 1 ml	71 EUR ex.

\* Patent Pending

Shipping and handling costs included.

### Free Sample Kit

Catalog no.	Description	Quantity	
12888-S	PowerSoil™ DNA Isolation Kit Sample #	2 Preps	f.o.c.#

# Limit 3 samples per customer.

Shipping and handling costs included.

Try a sample of the PowerSoil™ DNA Kit at no charge.  
Each sample kit provides enough reagents to perform 2 preps.

### To order please contact:

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