

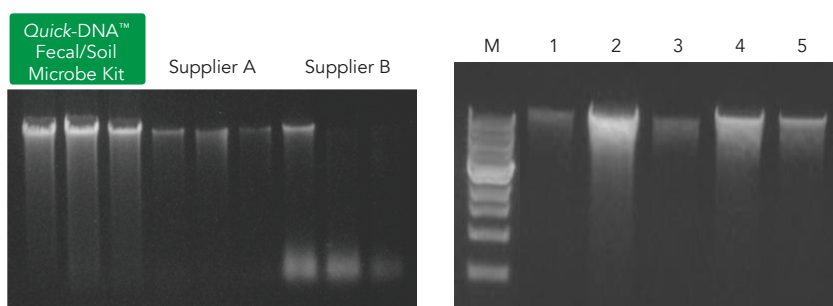
# DNA from Tough-to-Lyse Samples

**Quick-DNA™ Fecal/Soil Microbe Kits** (microbial, feces, soil, etc.)

- **Boost Detection:** Included BashingBeads™ ensure complete lysis of tough-to-lyse samples.
- **Inhibitor-Free:** Ready for qPCR, Next-Gen Sequencing, arrays, etc.
- **Simple Workflow:** Lyse, purify on column, and filter to remove PCR inhibitors.

## Higher Yields

High-quality total DNA was isolated from different environmental sample sources using the Quick-DNA™ Fecal/Soil Microbe Kit and compared against other suppliers. (A) Equivalent amounts of feces were processed using each kit, then equal volumes of eluted DNA were analyzed on a 0.8% (w/v) agarose gel stained with EtBr. (B) Metagenomic DNA isolated from 5 soil samples. M: 1 kb marker (NEB); 1-5: soil samples (sand, sandy clay loam, hydrophobic sandy loam course, sandy loam, fine gravel).

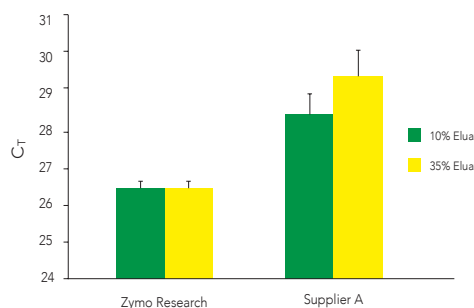


## Complete Homogenization



State-of-the-art BashingBeads™ are ideal for disrupting tough-to-lyse organisms when paired with bead mills or high speed cell disrupters.

## Ultra-Pure & Inhibitor-Free DNA



Real-time PCR was used to evaluate 10% or 35% of eluates recovered using the Quick-DNA™ Fecal/Soil Microbe Kit or Supplier A Kit to detect PCR inhibitors. Delayed amplification indicates PCR inhibition from inefficient inhibitor removal (n=8).

Product	Cat. No.	Size	Binding Capacity	Minimum Elution	Fecal Input	Soil Input
Quick-DNA™ Fecal/Soil Microbe Microprep Kit	D6012	50 preps	5 µg	10 µl	≤ 150 mg	≤ 250 mg
Quick-DNA™ Fecal/Soil Microbe Miniprep Kit	D6010	50 preps	25 µg	50 µl	≤ 150 mg	≤ 250 mg
Quick-DNA™ Fecal/Soil Microbe Midiprep Kit	D6110	25 preps	125 µg	150 µl	≤ 375 mg	≤ 5 g
Quick-DNA™ Fecal/Soil Microbe 96 Kit	D6011	2 x 96 preps	5 µg	50 µl	≤ 80 mg	≤ 135 mg
Quick-DNA™ Fecal/Soil Microbe 96 Magbead Kit (includes ZR BashingBead™ Lysis Rack)	D6010-FM	2 x 96 preps	25 µg	50 - 200 µl	≤ 100 mg	≤ 200 mg
Quick-DNA™ Fecal/Soil Microbe 96 Magbead Kit (Lysis Matrix Not Included)	D6011-FM	2 x 96 preps	25 µg	50 - 200 µl	≤ 100 mg	≤ 200 mg
Quick-DNA™ Fecal/Soil Microbe 96 Magbead Kit (includes ZR BashingBead™ Lysis Tubes)	D6012-FM	2 x 96 preps	25 µg	50 - 200 µl	≤ 100 mg	≤ 200 mg

