

## Inhibitor-Free Plant DNA

Quick-DNA™ Plant/Seed Kits (stems, roots, leaves, fruits, seeds, 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.

## High Recovery

## Plant Seed M 1 2 M 3 4 5 6

Comparison of DNA yields from various plant and seed samples using the *Quick*-DNA™ Plant/Seed Kit. Equivalent amounts of plant materials were processed with equal volumes of eluted DNA analyzed in a 0.8% (w/v) agarose gel stained with EtBr. Arabidopsis thaliana (1), juniper (2), corn kernel (3, 4), sunflower seed (5, 6).

All Zymo Research environmental kits include BashingBead  $^{\text{TM}}$  technology for complete recovery of DNA from a wide variety of tough-to-lyse samples. Included is column technology for efficient inhibitor removal.

## Simple Workflow



Homogenize sample with ZR BashingBead™ Lysis Tube



Filter Lysate with Zymo-Spin  $^{\scriptscriptstyle{\mathsf{TM}}}$  III-F



Bind, Wash, Elute DNA with Zymo-Spin  $^{\text{\tiny TM}}$  IIC



Inhibitor Removal

Ultra-Pure DNA

Product	Cat. No.	Size	Binding Capacity	Minimum Elution	Input
Quick-DNA™ Plant/Seed Miniprep Kit	D6020	50 preps	25 µg	50 µl	≤ 150 mg
Quick-DNA™ Plant/Seed 96 Kit	D6021	2 x 96 preps	5 µg	50 μΙ	≤ 80 mg





