

A world of DNA in your hand...



Exgene™ Soil DNA mini

- > Sample size: Up to 500 mg
- > Easy and fast purification of high-quality DNA in 25 minutes
- > Efficient lysis step using Powerbead™ tube
- > Removal of humic acid with orchestrated buffer complex
- > No organic extraction or alcohol precipitation
- > suitable for many downstream processes

Exgene™ Soil DNA mini provides a convenient method for the isolation of total DNA from soil samples. This kit utilises powerful beads, an optimized buffer system and advanced silica binding technology to purify DNA that is suitable for many applications. The advanced technology in this kit can deal with a number of different types of samples in soil including plant tissues, bacteria, fungal spores to name a few.

Inhibitor removal

The presence of humic acids and other inhibitors in DNA samples has negative effects and even failures in many downstream applications. Thus effective removal is very critical in the purification process. The Exgene™ Soil DNA mini efficiently removes humic acid and other PCR inhibitors from various soil samples using a very well designed filter and buffer system.

Bead beating technology

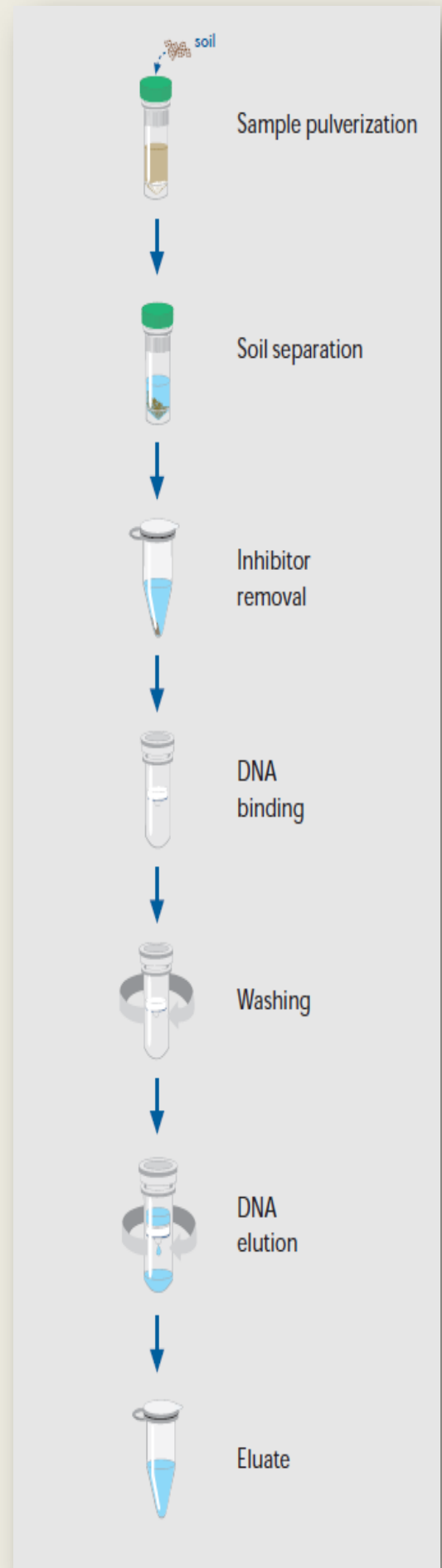
In conjunction with buffer based lysis, Exgene™ Soil DNA mini uses powerful beads for strong physical homogenisation of samples. This allows the cells to be lysed more effectively and thus releasing more nucleic acid available for purification

Features and Benefits

- Glassfibre membrane technology
- Sample size : Up to 500 mg
- Easy and fast purification of high-quality DNA
- Preparation time : ~ 25 minutes
- Efficient lysis step using Powerbead™ tube
- Effective removal of humic acid and inhibitors
- No organic extraction or alcohol precipitation
- High purity : ready for the conventional and real-time PCR

Also Available
GeneAll Exgene™
Stool DNA Mini Kit

01954 210200
www.cambio.co.uk
support@cambio.co.uk



GeneAll

Distributed by
cambio
Excellence in
Molecular Biology