

GRS Genomic DNA Kit – Tissue
#GK03.0100 (100 preps) | GK03s (trial size, 4 preps)
(FOR RESEARCH ONLY)



SUGGESTED PROTOCOL FOR DNA PURIFICATION FROM SOIL

Required (and not included):

*Lysozyme Buffer = 20mg/ml Lysozyme; 20mM Tris-HCl pH 8.0; 2mM EDTA; 1% Triton X-100
(prepare fresh immediately prior to use)*

- 1) Transfer up to 30mg of soil into a 1.5-ml microcentrifuge tube
- 2) Add 200µl of Lysozyme Buffer and homogenize by vortexing vigorously and/or grinding using the micropestle.
- 3) Incubate at room temperature for 20 minutes. During incubation, invert the tube regularly.
- 4) Proceed with the lysis step of the tissue protocol (increase the temperature to 70°C or 95°C for difficult samples such as Gram-positive bacteria).