

Soil Total RNA Purification Kits



Rapid Purification of Total RNA from Soil samples



- ✓ Purify all RNA, including microRNA, from soil samples
- ✓ Isolate total RNA from all microorganisms found in soil, including bacteria, fungi and algae
- ✓ Bead tubes eliminate need for time-consuming grinding
- ✓ Process all types of soil, including difficult soil samples with high humic acid content
- ✓ Isolated RNA is free of inhibitors such as humic acids - ready for PCR applications

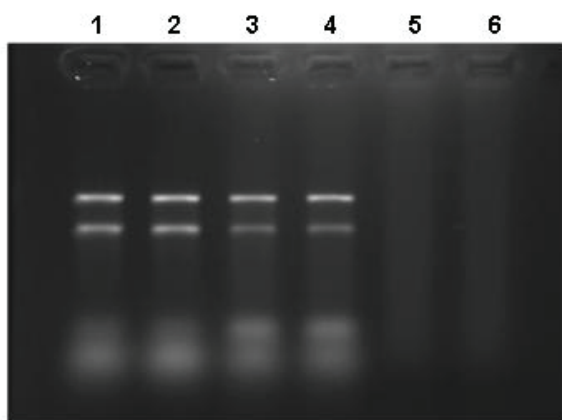


Figure 1. High Quality RNA Recovered from Soil Samples. Pseudomonas fluorescens was spiked into 250 mg samples of autoclaved soil and total RNA was isolated using Norgen's Soil Total RNA Purification Kit. Lanes 1 and 2 contain total RNA from Pseudomonas fluorescens, Lanes 3 and 4 contain total RNA purified from the autoclaved soil spiked with Pseudomonas fluorescens, and Lanes 5 and 6 contain RNA purified from the autoclaved soil (no RNA was found).

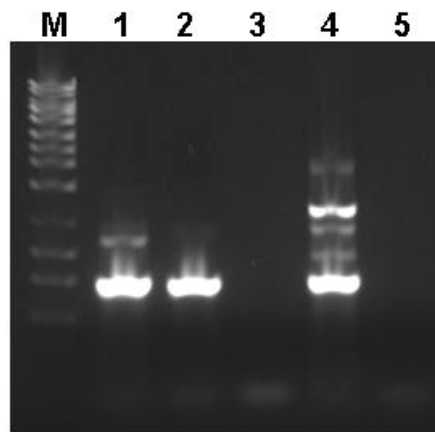


Figure 2. High Quality RNA Free from PCR Inhibitors. Pseudomonas fluorescens was spiked into 250 mg samples of autoclaved soil and total RNA was isolated using Norgen's Soil Total RNA Purification Kit and used as the template an RT-PCR reaction to detect the 16s rRNA. Lane 1 contains the results when total RNA from Pseudomonas fluorescens was used as the input, Lane 2 is the results when total RNA isolated from the autoclaved soil spiked with Pseudomonas fluorescens was used as the input, Lane 3 is the results when RNA purified from non-spiked autoclaved soil was the input, Lane 4 is a positive control and Lane 5 is the Negative control.

Ordering information

Description	Size	Cat. Number
Soil Total RNA Purification Kit	50 preps	27750

