Bridging the World
GeneAll

SAVE
The Time

Ribospin™ Plant

Introduction

Of importance to researchers is the ability to obtain accurate experiment result with the minimum of time and effort. Total RNA isolation from various plant tissues such as leaves, stems, roots and picky plant samples with Ribospin™ Plant in just 25 minutes while maintaining high purity and yield can be achieved by optimized buffers, Ezpure™ Filter and on-column DNase I treatment which Ribospin plant provides.

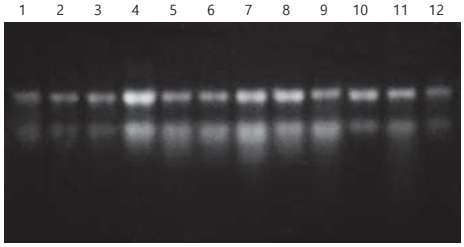
Features

- RNA isolation specialized for plant tissues such as leaves, stems, roots and picky plant samples.
- High speed total RNA extraction in 25 minutes.
- DNase I included for pure RNA.
  (on-column digestion under 10 minutes)
- High purity RNA for immediate downstream application.

Comparison Table

BRAND	GeneAll	Company A
Format	Silica Membrane Spin Column	
Applicable Sample Size	Plant samples	
Total Run Time	25 minutes (including DNase I treatment)	30 minutes
DNase I	**Included**	X

RNA Purification Results



Total RNA was extracted from a wide variety of plant species using Ribospin™ Plant.
The extracted RNA was loaded on a 1% formaldehyde gel.

Lane 1 : Leaf RNA from Pinus densiflora
Lane 2 : Leaf RNA from Crassula ovata
Lane 3 : Leaf RNA from Citrus grandis Osbek
Lane 4 : Leaf RNA from Diospyros kaki
Lane 5 : Leaf RNA from Zea mays
Lane 6 : Leaf RNA from Lycopersicum esculentum
Lane 7 : Leaf RNA from Nicotiana tabacum
Lane 8 : Leaf RNA from Lactuca sativa
Lane 9 : Leaf RNA from Cucumis satvus L
Lane 10 : Root RNA from Plantago asiatica
Lane 11 : Root RNA from Nicotiana tabacum
Lane 12 : Fruit RNA from Citrus grandis Osbek