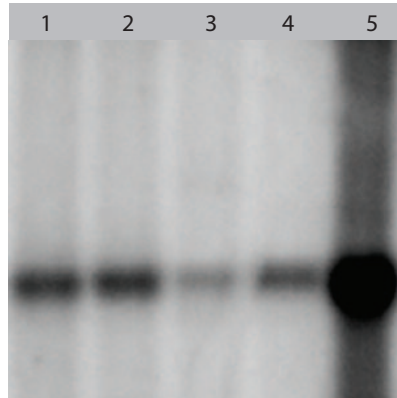


AxyPrep™ Micro (miRNA) RNA

The AxyPrep miRNA Miniprep Kit **REPRESENTS A NEW APPROACH FOR CELLULAR "MICRO" RNA (miRNA) PURIFICATION.** It produces a purified cellular RNA subfraction which is highly enriched for lower molecular weight species, such as miRNA and siRNAs. This kit is designed to eliminate the problems associated with other spin column-type RNA kits, such as clogged columns and incomplete purification. Proteins and genomic DNA are precipitated and removed from the cell lysate. Then, larger RNAs, such as mRNA, 18s and 28s rRNA and residual DNA are removed by binding to a spin/vac column. miRNA and siRNA remain unbound and are recovered by the addition of isopropanol and centrifugation.

Tomato Leaf, 30 mg per lane

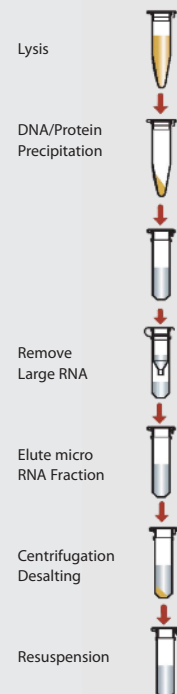


Northern Blot depicting Micro RNA (miRNA) fractions isolated from 30 mg tomato leaf samples by different methods. The target is a 22 nt miRNA, MR138

- Lanes 1, 2: AxyPrep microRNA Miniprep Kit
- Lanes 3, 4: Guanidinium - phenol - chloroform extraction
- Lanes 5: Control

- For animal tissues, plant tissues and cultured cells
- Enriches for miRNAs and siRNAs
- Rapid spin protocol
- No organic extraction or proteinase digestion
- No column clogging

OVERVIEW



MICRO RNA

KIT SIZES

4 preps
50 preps
250 preps

CATALOG NO.

AP-MN-miRNA-4
AP-MN-miRNA-50
AP-MN-miRNA-250†

† Shipped as 5 x AP-MN-miRNA-50