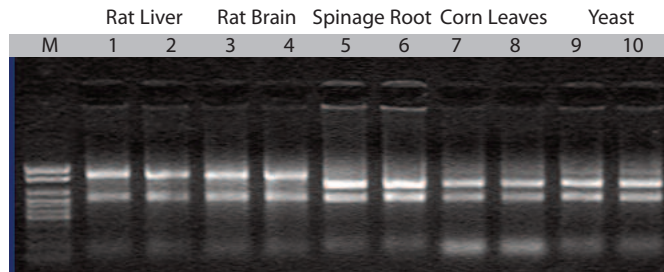


AxyPrep™ Multisource RNA

MIDI & MAXIPREP KITS

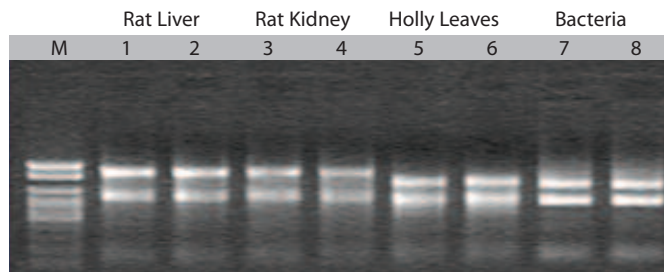
The AxyPrep Multisource Total RNA Midiprep and Maxiprep Kits are designed to produce **UP TO 1 mg (MIDI) AND 2 mg (MAXI) OF HIGHLY PURIFIED TOTAL CELLULAR RNA FROM A WIDE ARRAY OF DIFFERENT STARTING MATERIAL TYPES**, without the use of proteinase or organic extractions. A special precipitation step removes cellular debris and most gDNA, eliminating the opportunity for column clogging and increasing both RNA binding capacity (yield) and purity. The RNA is bound to a midi column for washing and desalting, using either centrifugation or vacuum. The RNA produced by this product is exceptionally pure and highly intact and is suitable for the most demanding applications.* A vacuum manifold and vacuum source are required for the Midiprep Kit.

**Applications which are sensitive to small amounts of residual gDNA may require additional steps to digest and remove these traces of gDNA.*



RNA purified with the AxyPrep Multisource Total RNA Midiprep Kit
 M: Axygen 100bp DNA Ladder
 Lanes 1, 2: 200 mg rat liver (duplicate samples)
 Lanes 3, 4: 300 mg rat brain
 Lanes 5, 6: 500 mg spinach root
 Lanes 7, 8: 500 mg corn leaves
 Lanes 9, 10: 2×10^8 *S. cerevisiae*

Purified RNA eluted in 300 μ l TE Buffer. 1 μ g loaded per lane.

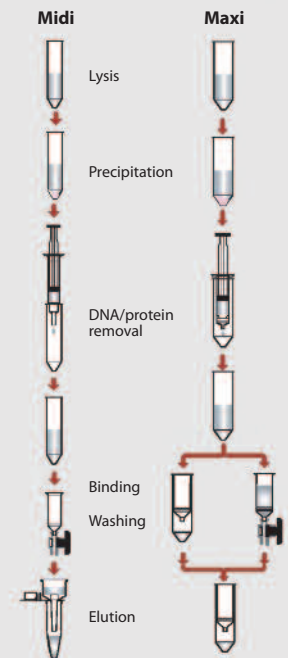


RNA purified with the AxyPrep Multisource Total RNA Maxiprep Kit
 M: Axygen 100bp DNA Ladder
 Lanes 1, 2: 800 mg rat liver (duplicate samples)
 Lanes 3, 4: 800 mg rat kidney
 Lanes 5, 6: 1.3 g holly leaves
 Lanes 7, 8: 4×10^{10} *E. coli*

Purified RNA eluted in 2 ml TE Buffer. 1 μ g loaded per lane.

- For animal tissues, plant tissues, cultured cells, bacteria, yeast and filamentous fungi
- Rapid spin and vacuum protocols
- No organic extraction or proteinase digestion
- No column clogging
- Up to 1 mg and 2 mg respectively of highly purified total RNA

OVERVIEW



**MULTISOURCE
RNA MIDI &
MAXIPREP**

KIT SIZES
2 preps
10 preps
25 preps

CATALOG NO.
AP-MD-MS-RNA-2
AP-MD-MS-RNA-10
AP-MD-MS-RNA-25