

# AllPure RNA Purification Kit (RNA產物收集，非萃取)



Cat. No. ABTGNA701

Storage: at room temperature (15°C- 25°C) in a dry place for one year

## Description

AllPure RNA Purification Kit uses silica-based spin column for specific RNA binding. **The kit can be used for RNA purification from DNase I-treated total RNA, in vitro transcription product, RNA-labelled product, synthetic RNA.** This kit permits effective removal of proteins, organic chemicals, inorganic salt ion and other impurities. Purified RNA is suitable for RT-PCR, qRT-PCR, Northern blot and other applications.

## Kit Contents

Component	25 rxns
Binding Buffer 12 (BB12)	10 ml
Wash Buffer 12 (WB12)	8 ml
RNase-free Water	1.5 ml
RNase-free Tube (1.5 ml)	25 each
RNA Spin Columns with Collection Tubes	25 each

## Procedures

Please add 20 ml of 96%-100% ethanol to WB12 before use. All centrifugation are performed at room temperature.

Reagents provided by customers: chloroform, 96%-100% ethanol

- Transfer  $\leq 100$   $\mu$ g RNA sample into a microcentrifuge tube and supplement to 100  $\mu$ l with RNase-free water. Add 350  $\mu$ l of BB12 (add 10  $\mu$ l  $\beta$ -mercaptoethanol for per ml BB12, and it must be freshly prepared before use). Mix thoroughly by inverting or vortexing.
- Add 900  $\mu$ l of 96%-100% ethanol (precipitates may form at the stage). Mix thoroughly by inverting or vortexing.
- Transfer half volume of solution and precipitates together to a spin column. Centrifuge at 12,000 $\times$ g for 30 seconds at room temperature. Discard the flow through.
- Repeat step 3 with the remaining half volume of the solution.
- Add 500  $\mu$ l of WB12 (Check to be sure ethanol has been added) into the spin column. Centrifuge at 12,000 $\times$ g for 30 seconds at room temperature. Discard the flow through.
- Repeat step 5 once.
- Centrifuge at 12,000  $\times$ g for 2 minutes at room temperature. Air-dry the column matrix for several minutes.
- Place the spin column into a clean 1.5 ml RNase-free tube. Add 15-50  $\mu$ l RNase-free Water into the spin column matrix and incubate at room temperature for 1 minute.
- Centrifuge at 12,000 $\times$ g for 1 minutes to elute RNA.
- Store the purified RNA at -80°C.