

# RNA Clean & Concentrator™

**Clean & concentrate RNA in 5 minutes without buffer carry over**

## Highlights

- Clean RNA from enzymatic and labeling reactions and sucrose gradient fractions.
- RNA is ideal for RT-PCR, q-PCR, hybridization, arrays, RNA interference, etc.
- Compatible with TRIzol®, phenol, chloroform, and RNase inhibitors (RNAlater®).



The RNA Clean & Concentrator™ family of products provides quick, reliable methods for preparation of high quality RNA. The procedures entail a unique single-buffer system and *Fast-Spin* column and plate technologies. Simply add the buffer and ethanol to your sample to allow binding onto the specially formulated column matrix. The RNA is then washed and concentrated into RNase-free water.

The RNA Clean & Concentrator™-5 yields up to 5 µg in as little as 6 µl. The RNA Clean & Concentrator™-25 yields up to 25 µg RNA in 25 µl. The ZR-96 RNA Clean & Concentrator™ is a 96-well format yielding up to 25 µg RNA per well in as little as 10 µl in 20 minutes.

## Specifications

### RNA Size Limits

Broad range recovery of RNA as small as 17 nt; alternate protocol excludes RNA <200 nt.

### RNA Recovery

90% for samples > 0.5 ng/µL.

### 5 µg RNA Binding Capacity

RNA Clean & Concentrator™-5

### 25 µg RNA Binding Capacity

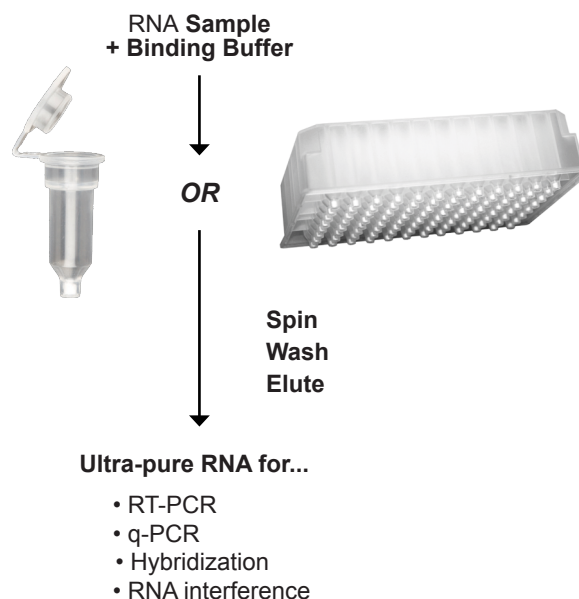
RNA Clean & Concentrator™-25

ZR-96 RNA Clean & Concentrator™

### RNA Quality

$A_{260}/A_{280} > 1.8$

$A_{260}/A_{230} > 1.8$



## Comparative Overview

	RNA Clean & Concentrator™-5	Supplier Q
Processing Time	5 min.	15 min.
Minimal Elution Volume	6 µl	10 µl
Alternate Protocol for small RNAs	Yes	No
Wash Residue Carryover	No	Yes
Kit Storage	Room Temp.	Columns @ 4°C
96-well Format	Yes	No

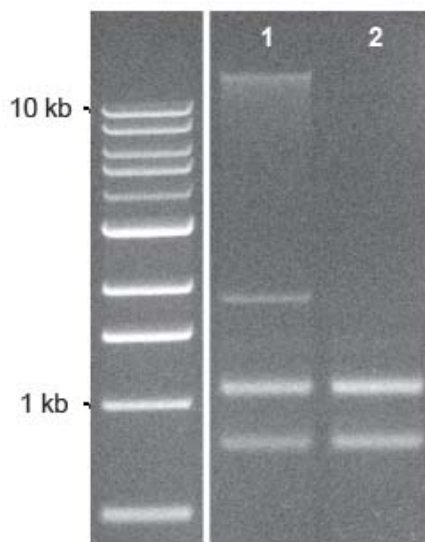


**ZYMO RESEARCH**

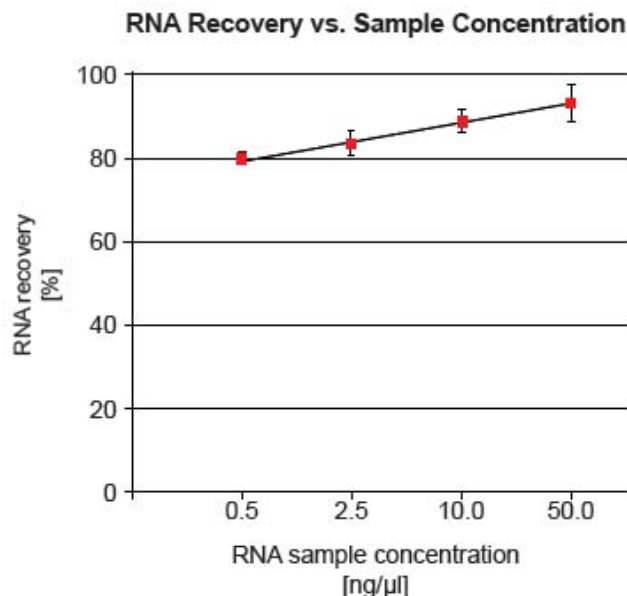
*The Beauty of Science is to Make Things Simple*



# RNA Clean & Concentrator™



**Purification of RNA from mixed RNA/plasmid/genomic DNA sample with the RNA Clean & Concentrator™ with or without in-column DNase treatment.** Lane 1: RNA/DNA sample purified without DNase treatment. Lane 2: DNase-treated, purified RNA sample.



**Concentration of diluted RNA samples using the RNA Clean & Concentrator™.** RNA was eluted with 20 μl RNase-free water (n = 3, total input = 1 μg RNA).

## Ordering Information

Product Description	Catalog No.	Size
<b>RNA Clean &amp; Concentrator™-5</b> (Column format. For purification of up to 5 μg RNA per sample.)	R1015	50 preps.
	R1016	200 preps.
<b>RNA Clean &amp; Concentrator™-25</b> (Column format. For purification of up to 25 μg RNA per sample.)	R1017	50 preps.
	R1018	100 preps.
<b>ZR-96 RNA Clean &amp; Concentrator™</b> (96-well plate format. For purification of up to 25 μg RNA per sample.)	R1080	2x96 well plates
<b>DNA-Free RNA Kit™</b> (For purification and concentration of up to 5 μg RNA per column. DNase I provided.)	R1013	50 preps.
	R1014	200 preps.

Note - ™ Trademarks of Zymo Research Corporation. This product is for research use only and should only be used by trained professionals. Some reagents included with this kit are irritants. Wear protective gloves and eye protection. Follow the safety guidelines and rules enacted by your research institution or facility. \*Prices subject to change. RNAlater® is a registered trademark of Ambion. TRIzol® is a registered trademark of Invitrogen.

