

For RNase Decontamination

# RNase Quiet

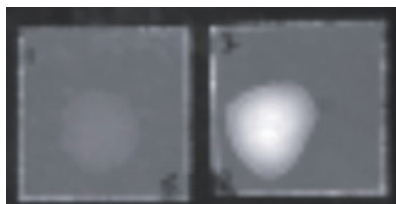


RNase Quiet is a ready-to-use solution for eliminating RNase contamination. It completely removes RNase contamination from glass, plastic equipments and laboratory tables.

- » Removes RNase contamination effectively
- » Easy to use spray type
- » Easy to wipe with no detergent
- » Non-carcinogenic with no DEPC

## Decontamination of cover glass

DEPC treated water      RNase Quiet



### Condition

1. Apply 100  $\mu$ l RNase A solution (1mg/ml) on cover glasses and dry them.
2. Spray with DEPC treated water or RNase Quiet and wait for 1 minute. Wipe thoroughly with a clean paper towel and then rinse with RNase-free sterile water.
3. Apply 50  $\mu$ l RNA Solution (40  $\mu$ g/ml) on the cover glasses and incubate them at 37°C for 30 minutes.
4. Apply 1 $\mu$ l ethidium bromide solution (20  $\mu$ g/ml) on the cover glasses with a pipette.
5. Observe the cover glasses with UV.

## Decontamination of 1.5 ml micro-tubes

DEPC treated water      RNase Quiet  
RNase A    -      +      -      +



### Condition

1. (+): Add 10  $\mu$ l RNase A solution (10 mg/ml) in 1.5 ml micro-tubes.  
(-): Add 10  $\mu$ l lysate buffer in 1.5 ml micro-tubes.
2. Add 1 ml DEPC treated water or RNase Quiet and wait for 1 minute. Remove the solution from the tube.
3. Add 25 $\mu$ l RNA Solution (40  $\mu$ g/ml) and incubate them at 37°C for 30 minutes.
4. Analyze RNA solution by electrophoresis with 1% agarose gel including 100 ng/ml ethidium bromide and then staining gel with 200 ng/ml ethidium bromide solution.

## Ordering Information

Product Name	Storage	Product Number	PKG Size
RNase Quiet (with spray nozzle)	Room Temp.	09147-14	475 ml
RNase Quiet for Replacement	Room Temp.	09477-94	475 ml

## Related Products

### Ordering Information

Product Name	Storage	Product Number	PKG Size
100g/l-Hexadecyltrimethylammonium Bromide Solution, Nuclease tested	Room Temp.	17472-94	100 ml
Phenol:Chloroform 5:1 Mixed, pH4.5	4°C	26729-64 26729-06	100 ml 400 ml
Phenol:Chloroform:Isoamyl Alcohol 25:24:1 Mixed, pH5.2	4°C	26058-54 26058-96	100 ml 400 ml
Water, DEPC treated, RNase tested	Room Temp.	36420-61	10 x 1 ml
		36420-74	50 x 1 ml
		36415-54 36415-41	100 ml 1 L
Hexadecyltrimethylammonium Bromide	Cool and Dark	08897-82	25 g
Guanidine Thiocyanate	Room Temp.	06287-32	25 g
		06287-45	500 g
Ethanol(99.5)	Room Temp.	08948-54	100 ml
		08948-25	500 ml

For research use only, not intended for diagnostic or drug use.

## NACALAI TESQUE, INC.

Nijo Karasuma, Nakagyo-ku, Kyoto 604-0855 JAPAN

TEL : +81-(0)75-251-1730

FAX : +81-(0)75-251-1763

Website : www.nacalai.com

E-mail : info.intl@nacalai.com