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PCR DNA Degradation Solutions

Invitrogen™

# DNAZap™ PCR DNA Degradation Solutions



**Catalog number: AM9890**

Related applications: PCR | Real Time PCR (qPCR)

| SARS-CoV-2 Pathogen Research Solutions

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|  | Catalog number | Unit Size | Price (BRL)                                   | Qty                  |
|--|----------------|-----------|---|----------------------|
|  | AM9890         | 250 mL    | 487,94<br>Your price: <a href="#">Sign In</a> | <input type="text"/> |

## Description

DNAZap™ Solutions are two solutions that are innocuous when used alone, but become a potent nucleic acid degrading reagent when mixed. This mixture is able to instantaneously degrade high levels of contaminating DNA and RNA from surfaces.

Features of DNAZap™ Solutions:

## Specifications

|               |                             |
|---------------|-----------------------------|
| Form:         | Liquid                      |
| Product Line: | Ambion™, DNAZap™            |
| Reagent Type: | DNA Decontamination Reagent |

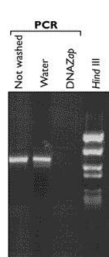
- Completely degrades contaminating DNA and RNA at the level of PCR sensitivity
- Works on contact
- Degrades nucleic acid, unlike other products on the market that only act as detergents
- Ideal for cleaning PCR tubes, PCR machine surfaces, pipettors, lab benches, lab equipment, and microfuge tubes

**Using DNAZap™ Solutions**

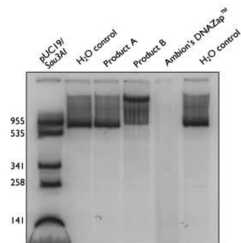
PCR and related amplification techniques produce large amounts of a target nucleic acid sequence. This exquisite sensitivity creates its own drawbacks, primarily the potential amplification of undesirable, contaminating nucleic acids along with the desired sequence—and sometimes at the expense of the desired sequence. DNAZap™ Solutions provide a convenient method to decontaminate a variety of surfaces in a matter of minutes. It even effectively eliminates contaminating DNA in PCR tubes without inhibiting subsequent enzymatic reactions. All contaminating nucleic acid is degraded to nucleotides, preventing any chance of false positive amplification.

*For Research Use Only. Not for use in diagnostic procedures.*

**Figures**



**Effect of DNAZap™ on plasmid DNA.**



**Effect of various DNA decontamination solutions on radiolabeled RNA transcripts.**



**Effect of DNAZap™ on PCR products.**

Shipping Condition: Room Temperature

**Contents & storage**

DNAZap™ Solution 1 and DNAZap™ Solution 2 should be stored at 2–8°C.



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Home › Shop All Products › DNARNa Storage & Nuclease Control Reagents › Nuclease Control Reagents › RNaseZap™  
RNase Decontamination Solution

Invitrogen™

# RNaseZap™ RNase Decontamination Solution



**Catalog number: AM9780**

Related applications: RNA Extraction | Real Time PCR (qPCR)

[Contact us for support ›](#)

|  | Catalog number | Unit Size  | Price (BRL)                                     | Availability | Qty                  |
|--|----------------|------------|---|--------------|----------------------|
|  | AM9780         | 250 mL     | 331,10<br>Your price: <a href="#">Sign In</a>   | ***          | <input type="text"/> |
|  | <b>AM9782</b>  | 6 x 250 mL | 1.605,75<br>Your price: <a href="#">Sign In</a> | ***          | <input type="text"/> |
|  | <b>AM9784</b>  | 4 L        | 3.035,80<br>Your price: <a href="#">Sign In</a> | ***          | <input type="text"/> |

Description

Specifications

Give Feedback

RNaseZap® RNase Decontamination Solution is a surface decontamination solution that destroys RNases on contact. You simply spray RNaseZap® Solution onto the surface to be decontaminated and rinse it off with RNase-free water.

Features of RNaseZap® RNase Decontamination Solution:

- Completely removes RNase contamination from glass and plastic surfaces
- Excels at removing high levels of RNase contamination whereas similar products fail
- Proven effective at removing high concentrations of dried-on RNase A
- Ideal for cleaning work surfaces, pipettors, and equipment that must be RNase-free

#### Using RNaseZap® Solution

Working with RNA requires that special measures be taken to ensure an RNase-free environment. Even trace quantities of RNase can lead to lower yields from *in vitro* transcription reactions, degradation during RNA purification protocols, and variable results in RPAs and Northern. RNaseZap® contains three ingredients active against RNase and has proven to be extremely effective at removing RNase contamination from glassware, plastic surfaces, countertops, and pipettors. It has also been shown to be effective at eliminating RNase contamination from microfuge tubes without inhibiting subsequent enzymatic reactions. Supplied in one 250 mL bottle.

#### RNase contamination in microfuge tubes

While concern about RNase contamination of frequently handled labware is common and prudent, researchers often do not worry about RNase contamination in commercially prepared products such as microfuge tubes. However, in a survey of six standard 1.5 mL microfuge tubes in which three were pre-rinsed with RNaseZap® and water and three were left untreated. all of the untreated tubes had

[View more >](#)

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|                     |                       |
|---------------------|-----------------------|
| Form:               | Liquid                |
| Product Line:       | Ambion™, RNaseZap®    |
| Reagent Type:       | RNase Control Reagent |
| Shipping Condition: | Room Temperature      |
| Product Type:       | 250mL Solution        |
| Quantity:           | 250mL                 |

## Contents & storage

Store at room temperature. All reagents are guaranteed stable for 6 months when properly stored.

### Supply Center



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RNase Decontamination Wipes

Invitrogen™

# RNaseZap™ RNase Decontamination Wipes

**Catalog number: AM9786**

Related applications: RNA Extraction | Real Time PCR (qPCR)



[Contact us for support ›](#)

|  | Catalog number | Unit Size  | Price (BRL)                                     | Availability | Qty                  |
|--|----------------|------------|---|--------------|----------------------|
|  | AM9786         | 100 sheets | 428,47<br>Your price: <a href="#">Sign In</a>   | ***          | <input type="text"/> |
|  | <b>AM9788</b>  | 300 sheets | 1.029,01<br>Your price: <a href="#">Sign In</a> | ***          | <input type="text"/> |

## Description

Ambion® RNaseZap Wipes are RNaseZap® in a convenient towel format. You simply wipe RNases off of surfaces and rinse with RNase-free water. Supplied as 3 rolls of 100 sheets plus solution to refill existing pop-up dispenser.

## Specifications

Form: Wipes

Product Line: Ambion™, RNaseZap®

- Convenient towel format
- Completely removes RNase contamination from glass and plastic surfaces Ideal for cleaning work surfaces, pipettors, and equipment that must be RNase-free
- Works immediately on contact; no baking or autoclaving necessary The popular Ambion® RNaseZap® is now provided in a convenient wipe format. RNaseZap® Wipes are designed to eliminate RNase contamination on work surfaces, pipettors and equipment that must be RNase-free. RNaseZap® is a formulation of three ingredients known to be active against RNase. It effectively removes even high levels of RNase contamination that similar products cannot. With thorough rinsing, RNaseZap® leaves no residues that are inhibitory to enzymatic reactions. Note: The components are packaged separately. The wipes and RNaseZap® Solution are loaded into the pop-up dispenser prior to first use.

*For Research Use Only. Not for use in diagnostic procedures.*

Reagent Type: RNase Control Reagent

Shipping Condition: Room Temperature

Product Type: Pop-up dispenser, 100 wipes

Quantity: 100 sheets

## Contents & storage

Store at room temperature. All reagents are guaranteed stable for 6 months when properly stored.



### Supply Center

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## Documents

### Manuals & protocols

Protocol: **RNaseZap® Wipes: RNase Decontamination Wipes**

**RNaseZap® Wipes Instruction Manual**

### Material safety data sheets (MSDS)

AM9786