

RNaseRIP™ Solution

05/21

(Cat# M1243-250; 250 ml; Store at RT)

I. Introduction:

BioVision's RNaseRIP™ Solution is a decontamination solution that sends RNases to their grave. It destroys RNase on contact, irreversibly by denaturing it. RNaseRIP™ Solution is supplied in an HDPE plastic Boston round bottle and is provided with optional squirt caps and spray bottle attachments for easy application on lab surfaces, pipettors, glass and plastic ware, equipment, etc. to be decontaminated.

II. Application:

- Decontaminate laboratory surfaces, pipettors or equipment for RNA experiments including RNA purification, RT-PCR, *in vitro* transcription etc.

III. Key Features:

- Completely destroys RNases from glass and plastic surfaces, even when dried on surfaces.
- Excellent product for RNase decontamination.
- Routine laboratory cleaning to remove RNases from lab supplies, surfaces and equipment.

IV. Contents:

Component	M1243-250
RNaseRIP™ Solution	250 ml

V. User Supplied Reagents and Equipment:

- Paper towel
- RNase-free water

VI. Shipment and Storage:

The product is shipped at room temperature (RT) and can be stored at RT for up to a minimum of 1 year.

VII. Decontamination Protocol:

Note: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

1. Spray RNaseRIP™ Solution onto the lab surfaces and tools that need to be decontaminated.
2. Then rinse it off with RNase-free water until no residue remains.

IX. Functional Data:

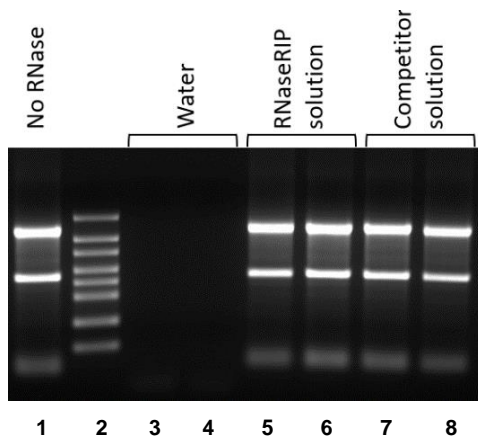


Figure 1: Deactivation of RNaseA by RNaseRIP™ Solution. Microcentrifuge tubes were decontaminated with 5 µg dried RNaseA followed by rinsing with either water (lanes 3, 4), RNaseRIP™ Solution (lanes 5, 6) or competitors RNase decontamination solution (lanes 7, 8) respectively. All the tubes were then rinsed with water followed by addition of total RNA from HeLa cells and incubated at 37 °C for 30 mins. RNA was analyzed on a 1 % agarose gel. RNA was destroyed in lanes 3, 4 whereas RNA remained intact in lanes 5, 6 and was indistinguishable from control lane 1 that contained no RNase. **Lane 2: DNA Ladder.**

IX. Related Products:

- One Prep DNA/RNA Purification Kit (Cat# K2058)
- Mammalian RNA Isolation Kit (Cat# K2065)
- RNAkeep™ Solution (Cat# M1241)
- EasyRNA™ Bacterial RNA Kit (Cat# K1351)
- EasyRNA™ Blood RNA Mini Kit (Cat# K1373)
- EasyRNA™ Plant RNA Mini Kit (Cat# K1374)
- Yeast RNA Mini Kit (Cat# K1418)
- EasyRNA™ Fungal RNA Kit (Cat# K1419)

FOR RESEARCH USE ONLY! Not to be used on humans.