

PRODUCT INFORMATION

DNA, RNA-EZ Q2 (DNase, RNase-Be-Gone) Solution

Product information for RT4201:

Component:

Component	RT4201, 50 ml	RT4201, 5 × 50 ml
DNase, RNase-Be-Gone(surface)	50 ml	5 × 50 ml
Protocol	1	1

Storage:

Transportation and storage at room temperature.

Features

1. Effectively inactivates up to 100 µg of surface-contaminated RNases such as RNase T1, RNase H, BAL31, S1, Mung bean nuclease etc. and DNases in 10 minutes.
2. Faster than using DEPC.
3. Non-toxic.
4. Economical.
5. Simple: Simply dilute DNase & RNase-Be-Gone solution with water in a ratio of 1:1000 (v/v) and wash surfaces of glasswares, plasticwares and instruments. keep for 10 minutes at room temperature.
6. Can be used for making RNase-free water. For making RNase-free water add 0.1% of DNase & DNase & RNase-Be-Gone solution to dd-water and keep for at least 24 hours at room temperature.

Introduction

The Surface DNase & RNase-Be-Gone is a complex solution designed for removing >80% surface-RNase from tubes, tips, pipettes, glasswares and instruments surface

Protocol

Making RNase-free water.

1. Add 0.1% of RNase-Be-Gone B solution to dd-water and keep for 24 hours or longer at room temperature.
2. The RNase-free water is appropriate for making lysis buffer or other solution.

Clean the operating desktop.

1. Dilute RNase-Be-Gone solution with water in a ratio of 1:10 (v/v). Mix well and spray it over the operating desktop.

2. Incubate at room temperature for 5 minutes or longer. Wipe the residual solution with absorbent paper.
3. Wash the operating desktop once with the diluted RNase-Be-Gone solution in ratio of 1:1000 (v/v). Wipe the residual solution with absorbent paper to dry the operating desktop.

Note: We recommend RNase-Be-Gone solution for directly using to clean the operating desktop serious polluted RNases.

Clean the instruments.

1. Firstly, wipe the surface of instruments with diluted RNase-Be-Gone solution in ratio of 1:10 (v/v).
2. And then wipe the surface of instruments once with diluted RNase-Be-Gone solution in ratio of 1:1000 (v/v).
3. The RNase-Be-Gone solution has corrosives to metallic instruments, protects is for use time operation should be less 5 minutes.

Note: We recommend RNase-Be-Gone solution for directly using to clean the instruments serious polluted RNases.

Clean glasswares and plasticwares.

1. Firstly, glasswares and plasticwares should soak for 5 minutes in diluted RNase-Be-Gone solution in ratio of 1:10 (v/v) or 1:100 (v/v).
2. And then wash the glasswares and plasticwares once with diluted RNase-Be-Gone solution in ratio of 1:1000 (v/v) or 1:10000 (v/v).
3. Dry the glasswares and plasticwares completely.

Clean pipettes

1. Pipette dismounting should be performed according to manufacturer recommended procedures.
2. The component of the pipette should soak for 1 minute in diluted RNase-Be-Gone solution in ratio of 1:10 (v/v) or 1:100 (v/v).
3. And then wash it once with diluted RNase-Be-Gone solution in ratio of 1:1000 (v/v) or 1:10000 (v/v).
4. Dry the pipette completely.

Clean pipette tips and microcentrifuge tubes

1. Firstly, pipette tips and microcentrifuge tubes should soak for 5 minutes in diluted RNase-Be-Gone solution in ratio of 1:1000 (v/v).
2. And then wash the pipette tips and microcentrifuge tubes twice with diluted RNase-Be-Gone solution in ratio of 1:1000 (v/v) or 1:10000 (v/v).
3. Dry the pipette tips and microcentrifuge tubes completely.