PRODUCT INFORMATION

DNA, RNA-EZ B3 (RNA-Be-Down) Solution

Product information for RT4231:

Component:

Component	RT4231, 100 µl
RNA-Be-Down	100 µl
Protocol	1

Storage:
Transportation at room temperature. Storage at -20°C, stable for two years.

Features
1. High efficiency. More than 70% of RNA can be removed by single treatment.
2. Convenient. RNA-Be-Down can be used in any steps during the nucleic purification procedure.
3. Chemically inert. RNA-Be-Down has no absorbance at 260 or 280 nm. Reagents won't affect RT-PCR.

Introduction
The RNA-Be-Down reagent is a molecular biology grade RNase-free solution designed as a co-precipitant for increasing recovery RNA in the precipitation steps. This product is particularly suitable for the extraction of small amounts of RNA or diluted DNA solution. The RNA-Be-Down reagent can directly be added to diluted RNA solution, or be added at precipitate step. The RNA-Be-Down reagent is chemically inert, no UV absorbance at 250, 260 and 280 nm.

Protocol
Add the RNA-Be-Down to the lysis buffer:
1. Mix the RNA-Be-Down and lysis buffer at a ratio of 10-20 µl:1 ml. Mix well.
2. Continue the next steps refer to RNA Isolation protocol.

The RNA-Be-Down is added at precipitate step:
1. The RNA-Be-Down is added at precipitate step at a ratio of 5 µl per 1 ml. Mix well.
2. Add equal volume of RNase-free isopropanol, mix well and centrifuge at 13,000 *rpm* for 10 minutes.
3. Wash the pellet twice using 1 ml of RNase-free 75% ethanol.
4. Air-dry the pellet at room temperature and dissolve the pellet in RNase-free water, it's ready-to-use.