



PRODUCT INFORMATION **DNA, RNA-EZ B1 (DNA-Be-Down) Solution**

Product information for RT4732:

Component:

Component	RT4732	RT4732
DNA-Be-Down	100 µl	500 µl
Protocol	1	1

Storage:

Transportation at room temperature. Stable for two years at -20°C. 100 µl can be used for 20 mini-preps.

Features

1. High efficiency. 5 µl DNA-Be-Down can increase recovery DNA in the ethanol or isopropanol precipitation.
2. Convenient. DNA-Be-Down can be used in any steps during the nucleic purification procedure.
3. Chemically inert. DNA-Be-Down has no absorbance at 260 or 280 nm. The reagent won't affect performance of PCR and enzyme reaction.

Introduction

Designed as a co-precipitant for increasing recovery DNA in the precipitation steps. It is useful for isolation of small amounts of DNA or increasing the yield of DNA. This product is particularly suitable for the extraction of small amounts of DNA or diluted DNA solution. It can directly be added to diluted DNA solution, or to lysis & extraction buffer for DNA isolation. It is chemically inert, no UV absorbance at 250, 260 and 280 nm.

Protocol

A: Add the DNA-Be-Down to the lysis buffer:

1. Mix the DNA-Be-Down and lysis buffer at a ratio of 10-20 µl : 1 ml, mix well.
Note: If the lysis buffer contain CTAB, please choose step B.
2. Continue the next steps refer to DNA Isolation protocol.

B: The DNA-Be-Down is added at precipitate step:

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