

## Easy Yeast Plasmid Isolation Kit

**Catalog No.**  
630467

**Amount**  
50 preps

**Lot Number**  
Specified on product label.

### Description

This kit provides an easy and efficient method to rescue plasmid DNA from *Saccharomyces cerevisiae*. The protocol uses Zymolyase for highly efficient enzymatic disruption of yeast cell walls, followed by SDS/alkaline lysis of the resulting spheroplasts, and spin column purification of the plasmid DNA. Purified DNA can then be transformed into *E. coli* for propagation and purification.

### Package Contents

#### Package 1:

- 1 ml Zymolyase Suspension (25 mg/ml)
- 12 ml ZYM Buffer

#### Package 2:

- 28 ml 10 mM EDTA
- 15 ml Y1 Resuspension Buffer
- 15 ml Y2 Lysis Buffer
- 20 ml Y3 Neutralization Buffer
- 6 ml Y4 Wash Buffer Concentrate
- 15 ml YE Elution Buffer
- 50 each Yeast Plasmid Spin Columns
- 50 each Collection Tubes (2 ml)
- 6 mg RNase A (Lyophilized)

### Storage Conditions

- Store Package 1 at  $-20^{\circ}\text{C}$  until first use, then store at  $4^{\circ}\text{C}$ .
- Store Package 2 at room temperature.
- RNase A reconstituted in Y1 Buffer should be stored at  $4^{\circ}\text{C}$ .

### Expiration Date

- Specified on product label.
- RNase A reconstituted in Y1 Buffer is stable for 6 months when stored at  $4^{\circ}\text{C}$ .

### Shipping Conditions

- Package 1: Dry ice
- Package 2: Room temperature

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#### Takara Bio USA, Inc.

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# Certificate of Analysis

Cat. No. 630467

Easy Yeast Plasmid Isolation Kit

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## Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)

The following documents apply to this product:

- Easy Yeast Plasmid Isolation Kit User Manual

## Quality Control Data

### Functional Tests

Plasmid DNA from yeast strain Y187 containing the pGADT7-T plasmid was isolated according to the protocol in the user manual. Transformation of Stellar™ Competent Cells (Cat. No. 636763) using 3 µl of the purified DNA produced ≥100 colonies.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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### NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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