Plasmid DNA from yeast strain Y187 containing the pGADT7-T plasmid was isolated according to the protocol in the Easy Yeast Plasmid Isolation Kit User Manual (PT4073-1). Transformation of Stellar™ Competent Cells (Cat. No. 636763) using 3 µl of the purified DNA produced ≥100 colonies.

PRODUCT: Easy Yeast Plasmid Isolation Kit

CATALOG NO. 630467

SIZE
50 preps

LOT NUMBER
Specified on product label.

STORAGE CONDITIONS
- Store Box 1 at −20°C until first use, then store at 4°C.
- Store Box 2 at room temperature
- RNase A reconstituted in Y1 Buffer should be stored at 4°C.

SHELF LIFE
1 year from date of receipt under proper storage conditions, with the following exception:
- RNase A reconstituted in Y1 Buffer is stable for 6 months when stored at 4°C.

SHIPPING CONDITIONS
Box 1: dry ice (−70°C)
Box 2: room temperature

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

BOX 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 ea Yeast Plasmid Spin Columns
- 50 ea Collection Tubes (2 ml)
- 6 mg RNase A (Lyophilized)

PRODUCT USER MANUAL
User Manuals for Clontech products are available for download at www.clontech.com/manuals. The following user manual applies to this product:
- Easy Yeast Plasmid Isolation Kit User Manual (PT4073-1)

MSDS
MSDS information for this product is available at www.clontech.com/support/msds.asp

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

Functional Tests
Plasmid DNA from yeast strain Y187 containing the pGADT7-T plasmid was isolated according to the protocol in the Easy Yeast Plasmid Isolation Kit User Manual (PT4073-1). Transformation of Stellar™ Competent Cells (Cat. No. 636763) using 3 µl of the purified DNA produced ≥100 colonies.

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This document has been reviewed and approved by the Clontech Quality Assurance Department.

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