

## Matchmaker® Insert Check PCR Mix 1

**Catalog No.**

630496

**Amount**

100 rxns

**Lot Number**

Specified on product label.

### Description

Matchmaker Insert Check PCR Mix 1 is a 2X pre-mix that allows quick and easy PCR directly from yeast colonies. The Mix contains a PCR polymerase, primers, dNTPs, and buffer; simply add cells to the mix and perform 30 cycles of PCR. Matchmaker Insert Check PCR Mix 1 is designed to be used with our Matchmaker Gold Yeast One-Hybrid Library Screening System (Cat. No. 630491) to confirm the integration site of the pAbAi vector containing your DNA sequence of interest.

### Package Contents

- 4 x 625 µl 2X Matchmaker Insert Check Mix 1

### Storage Conditions

- Store at -20°C.

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Dry ice

### 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:

- Matchmaker Insert Check PCR Mix Protocol-At-A-Glance

### Quality Control Data

#### Functional Quality Control

PCR amplification from pAbAi integrant yeast cells and purified yeast genomic DNA:

Our Matchmaker Gold Yeast One-Hybrid Library Screening System was used to create yeast integrant strains containing pBait-AbAi, in which the bait sequence was composed of three tandem repeats of either the p53 or Oct4 binding site (Y1HGold[p53-AbAi] and Y1HGold[Oct4-AbAi], respectively). Matchmaker Insert Check PCR Mix 1 was then used to analyze the insertion sites of these integrants: PCR was performed directly on the pAbAi integrant yeast cells, as well as on genomic DNA purified from these cells.

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**Takara Bio USA, Inc.**

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)United States/Canada  
800.662.2566  
(121523)Asia Pacific  
+1.650.919.7300Europe  
+33.(0)1.3904.6880Japan  
+81.(0)77.565.6999

# Certificate of Analysis

Cat. No. 630496

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Thermal cycling conditions were as follows:

95°C	1 min	
30 cycles:		
98°C	10 sec	]
55°C	30 sec	
68°C	2 min	

5 µl of each PCR reaction was analyzed on a 1% agarose/EtBr gel. In each reaction containing either yeast cells or genomic DNA, a single 1.4 kb PCR product was observed; no PCR product was observed in the reactions lacking template.

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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U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

#### United States/Canada

800.662.2566

#### Asia Pacific

+1.650.919.7300

#### Europe

+33.(0)1.3904.6880

#### Japan

+81.(0)77.565.6999

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