

# Certificate of Analysis

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## Quick & Easy Yeast Transformation Mix

**Catalog No.**

631851

**Amount**

20 rxns

**Lot Number**

Specified on product label.

### Description

The Quick & Easy Yeast Transformation Mix is designed to quickly perform non-library scale transformations in the budding yeast, *S. cerevisiae*.

### Package Contents

- 4 x 0.5 ml Quick & Easy Yeast Transformation Mix
- 200 µl Yeastmaker™ Carrier DNA (10 mg/ml)
- 20 µl pGBKm Control Vector (0.1 µg/µl; positive control plasmid)

### Storage Conditions

- Store at –20°C.
- Following the addition of Yeastmaker Carrier DNA to Quick & Easy Yeast Transformation Mix, the contents are stable for six months at –20°C.
- When thawing the Quick & Easy Yeast Transformation Mix, a precipitate may form. Vortex vigorously to thoroughly homogenize the suspension.

### 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:

- Quick & Easy Yeast Transformation Mix Protocol-At-A-Glance
- pGBKm Vector Information
- pGBKm Vector Sequence in GenBank Format

### Quality Control Data

5 x 10<sup>7</sup> Matchmaker® Gold Yeast cells were transformed with 150 ng of pGBKm Control Vector. The resultant colony count exceeded 1 x 10<sup>5</sup> transformants/10<sup>8</sup> cells/µg DNA.

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## Plasmid Identity & Purity

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Vector	Enzymes	Fragments
pGBKm	HindIII	4.8 kb
	HindIII/AvaI	2.1 & 2.7 kb

- Vector identity was confirmed by sequencing.
- A<sub>260</sub>/A<sub>280</sub>: 1.8–2.0

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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