

Matchmaker® Mammalian Assay Kit 2

Catalog No.
630305

Amount
Each

Lot Number
Specified on product label.

Description

The Matchmaker Mammalian Assay Kit 2 allows rapid and convenient analysis of protein-protein interactions in transfected mammalian cells. The kit uses a SEAP-secreted reporter to measure the interactions between the two proteins of interest, eliminating the need for cell lysis.

Package Contents

- 20 µl pM GAL4 DNA-BD Cloning Vector (500 ng/µl)
- 20 µl pVP16 AD Cloning Vector (500 ng/µl)
- 20 µl pG5SEAP Reporter Vector (500 ng/µl)
- 20 µl pM3-VP16 Positive Control Vector (500 ng/µl)
- 20 µl pM-53 Positive Control Vector (500 ng/µl)
- 20 µl pVP16-T Positive Control Vector (500 ng/µl)
- 20 µl pVP16-CP Negative Control Vector (500 ng/µl)

Storage Conditions

- Store at –20°C.
- Avoid repeated freeze/thaw cycles.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:

- Matchmaker Mammalian Assay Kit 2 User Manual
- pM DNA-BD Vector Information
- pM DNA-BD Vector Sequence in GenBank Format
- pVP16 Vector Information
- pVP16 Vector Sequence in GenBank Format

Takara Bio USA, Inc.

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Quality Control Data

- The size, purity, and concentration of the plasmids were verified by digestion with the following restriction enzymes and electrophoresis on a 0.8% agarose/EtBr gel.

Vector	Enzymes	Fragments
pG5SEAP Reporter Vector	KpnI & AatII	4.0 & 0.5 kb
	KpnI	4.5 kb
pM GAL4 DNA-BD Cloning Vector	HindIII & XhoI	3.2 & 0.3 kb
pM3-VP16 Positive Control Vector	HindIII & XhoI	1.2 & 3.2 kb
pM-53 Positive Control Vector	EcoRI & SalI	1.0 & 3.5 kb
pVP16 AD Cloning Vector	BglII & XbaI	0.3 & 3.0 kb
pVP16-T Positive Control Vector	BglII & XbaI	2.4 & 3.0 kb
pVP16-CP Negative Control Vector	EcoRI & XbaI	0.6 & 3.3 kb

- Vector identity of each vector was confirmed by sequencing.
- A_{260}/A_{280} : 1.8–2.0 for each vector.

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.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

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