PRODUCT: Matchmaker™ Mammalian Assay Kit 2

CATALOG NO. 630305

LOT NUMBER
Specified on product label.

STORAGE CONDITIONS
• Store plasmids at –20°C.
• Avoid repeated freeze/thaw cycles.

SHELF LIFE
1 year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS
Dry ice (–70°C) or blue ice (–20°C)

DESCRIPTION
Complete kit for confirming a known protein-protein interaction using two-hybrid technology in mammalian cell culture. Protein-protein interaction is assayed by measuring SEAP gene expression. No lysis is required.

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)
• User Manual (PT3714-1)
• Vector Information Packet (PT3119-5)
• Vector Information Packet (PT3127-5)

FOR RESEARCH USE ONLY

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.

<table>
<thead>
<tr>
<th>Vector</th>
<th>Enzymes</th>
<th>Sizes (kb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>pG5SEAP Reporter Vector</td>
<td>Kpn I / Aat II</td>
<td>4.0, 0.5</td>
</tr>
<tr>
<td></td>
<td>Kpn I</td>
<td>4.5</td>
</tr>
<tr>
<td>pM GAL4 DNA-BD Cloning Vector</td>
<td>Hind III / Xho I</td>
<td>3.2, 0.3</td>
</tr>
<tr>
<td>pM3-VP16 Positive Control Vector</td>
<td>Hind III / Xho I</td>
<td>1.2, 3.2</td>
</tr>
<tr>
<td>pM-53 Positive Control Vector</td>
<td>EcoR I / Sal I</td>
<td>1.0, 3.5</td>
</tr>
<tr>
<td>pVP16 AD Cloning Vector</td>
<td>Bgl II / Xba I</td>
<td>0.3, 3.0</td>
</tr>
<tr>
<td>pVP16-T Positive Control Vector</td>
<td>Bgl II / Xba I</td>
<td>2.4, 3.0</td>
</tr>
<tr>
<td>pVP16-CP Negative Control Vector</td>
<td>EcoR I / Xba I</td>
<td>0.6, 3.3</td>
</tr>
</tbody>
</table>

APPROVED BY: [Signature]

Notice to Purchaser
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