PRODUCT: Ready-To-Glow™ Dual Secreted Reporter Vector Kit

CATALOG No. 631735
AMOUNT 4 x 20 µg

LOT NUMBER
Specified on product label.

STORAGE CONDITIONS
• Store all components at –20°C.
• Spin briefly to recover contents.
• Avoid repeated freeze/thaw cycles.

STORAGE BUFFER
10 mM Tris-HCl (pH 8.0)
1 mM EDTA (pH 8.0)

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

CONCENTRATION: 500 ng/µl

PLASMID SIZE
(pMetLuc2-Reporter Vector): 4.3 kb
(pMetLuc2-Control Vector): 4.8 kb
(pSEAP2-Basic Vector): 4.7 kb
(pSEAP2-Control Vector): 5.1 kb

CLONING SITES
(pMetLuc): AgeI, ApaI, BamHI, BglII, EcoRI, HindIII, PstI, SacI, SacII, SalI, XhoI
(pSEAP): Asp718I, KpnI, MluI, NheI, SrfI, XhoI, BglII, HindIII, BsfBI, NruI, EcoRI

ANTIBIOTIC RESISTANCE
(pMetLuc) Kanamycin (50 µg/ml)
(pSEAP) Ampicillin (100 µg/ml)

PACKAGE CONTENTS
See back of page.

QUALITY CONTROL DATA
See back of page.
PACKAGE CONTENTS

- 20 µg pMetLuc2-Reporter Vector
- 20 µg pMetLuc2-Control Vector
- 20 µg pSEAP2-Basic Vector
- 20 µg pSEAP2-Control Vector

OTHER

- pMetLuc2-Reporter Vector (PT4059-5)
- pMetLuc2-Control Vector (PT4060-5)
- pSEAP2-Basic Vector (PT3075-5)
- pSEAP2-Control Vector (PT3074-5)
- Ready-To-Glow Secreted Reporter Systems User Manual (PT3902-1)

QUALITY CONTROL DATA

The following vectors were digested with the indicated restriction enzymes and verified by electrophoresis on a 0.8% agarose/EtBR gel. The purity of the DNA was checked by determining the $A_{260}/A_{280}$: 1.8 – 2.0.

<table>
<thead>
<tr>
<th>Vector</th>
<th>Enzymes</th>
<th>Fragments</th>
</tr>
</thead>
<tbody>
<tr>
<td>pMetLuc2-Reporter Vector</td>
<td>AgeI / NotI</td>
<td>0.7 and 3.6 kb</td>
</tr>
<tr>
<td>pMetLuc2-Control Vector</td>
<td>AgeI / NotI</td>
<td>0.7 and 4.1 kb</td>
</tr>
<tr>
<td>pSEAP2-Basic Vector</td>
<td>HindIII / Xbal</td>
<td>3.1 and 1.5 kb</td>
</tr>
<tr>
<td></td>
<td>AseI / BamHI</td>
<td>1.8, 1.6, and 1.3 kb</td>
</tr>
<tr>
<td>pSEAP2-Control Vector</td>
<td>HindIII / Xbal</td>
<td>3.6 and 1.5 kb</td>
</tr>
<tr>
<td></td>
<td>AseI / BamHI</td>
<td>2.0, 1.8, and 1.3 kb</td>
</tr>
</tbody>
</table>

Note: Fragment sizes are estimates; the apparent sum of all fragment sizes for a given digest may not equal the actual size of the plasmid.

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