

## Pathway Profiling SEAP System

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**Catalog No.**

631910

**Lot Number**

Specified on product label.

### Description

The Pathway Profiling SEAP System contains eight *cis*-element reporter plasmids as well as negative and positive control plasmids for investigating signal transduction in mammalian systems. This system provides sufficient reagents for performing 50 calcium phosphate transfections in 35 mm tissue culture plates. It is compatible with the Great EscAPe™ SEAP Detection Kits.

### Package Contents

- 20 µg pTAL-SEAP Vector (500 ng/µl; negative control)
- 20 µg pSEAP2-Control Vector (500 ng/µl; positive control)
- 20 µg pAP1-SEAP Vector (500 ng/µl)
- 20 µg pSRE-SEAP Vector (500 ng/µl)
- 20 µg pGRE-SEAP Vector (500 ng/µl)
- 20 µg pNFκB-SEAP Vector (500 ng/µl)
- 20 µg pNFAT-SEAP Vector (500 ng/µl)
- 20 µg pCRE-SEAP Vector (500 ng/µl)
- 20 µg pMyc-SEAP Vector (500 ng/µl)
- 20 µg pHSE-SEAP Vector (500 ng/µl)
- 1 ml 2 M Calcium Solution
- 7 ml 2X HEPES-Buffered Saline (HBS)
- 7 ml Sterile H<sub>2</sub>O

### Storage Conditions

- Store HEPES-Buffered Saline and plasmids at –20°C.
- Store all other components at 4°C after thawing.

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## Shelf Life

- 1 year from date of receipt under proper storage conditions.

## Shipping Conditions

- Dry ice ( $-70^{\circ}\text{C}$ )

## Product User Manuals

User manuals for Clontech products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals).

The following user manuals apply to this product:

- Pathway Profiling System User Manual (PT3286-1)

## Quality Control Data

1. Each vector was tested for purity and identity by restriction digest analysis. Plasmid purity was also verified by  $A_{260}/A_{280}$ .
2. This lot of 2X HEPES-buffered saline (HBS) was verified to have a pH between 7.05 and 7.12 at room temperature ( $20^{\circ}\text{C}$ ).
3. 293 cells were transfected with pAcGFP-C1 using the reagents provided in this system. Transfection efficiency was determined to be at least 25% using the method described in the User Manual.

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