Introducing The Only “Thermal Stable” Lambda Packaging Extract

Ready-To-Go™ Lambda Packaging Kit provides the first in vitro lambda packaging extract which is stable at ambient temperature. Compared with the -80°C storage of ordinary packaging extracts, Ready-To-Go is truly thermal stable.

Ready-To-Go Lambda Packaging Kit offers:

- High cloning efficiencies with a minimum efficiency of \( \geq 1 \times 10^8 \text{pfu/\mu g} \) using lambda DNA (control).
- Ambient storage, eliminating the denaturing effects of freeze/thawing on protein extracts.
- Seven, single-dose reactions that are ready to go and simple to use. Just add solution containing cDNA cloned into an appropriate lambda vector to begin packaging.

<table>
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<tr>
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<th>Ready-To-Go Lambda Packaging Extract (pfu/\mu g)</th>
<th>Competitor’s Extract (pfu/\mu g)</th>
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</thead>
<tbody>
<tr>
<td>Control DNA</td>
<td>( 6.0 \times 10^8 )</td>
<td>( 2.2 \times 10^7 )</td>
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<tr>
<td>cDNA Lambda Library</td>
<td>( 2.0 \times 10^6 )</td>
<td>( 2.3 \times 10^6 )</td>
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Try the simplest and most convenient way to efficiently in vitro package your next lambda library. Call your local Pharmacia Biotech representative and ask for:

Ready-To-Go™ Lambda Packaging Kit
27-9269-01 7 Packaging Reactions
Contents

Research papers
Overcoming telomeric silencing: a trans-activator competes to establish gene expression in a cell cycle-dependent way
Oscar M. Aparicio and Daniel E. Gottschling

Specific regulation of Xenopus chromosomal 5S rRNA gene transcription in vivo by histone H1
Philippe Bouvet, Stefan Dimitrov, and Alan P. Wolffe

The Doa locus encodes a member of a new protein kinase family and is essential for eye and embryonic development in Drosophila melanogaster
Bokyoung Yun, Robert Farkas, Kun Lee, and Leonard Rabinow

The DCC gene product in cellular differentiation and colorectal tumorigenesis
Lora Hedrick, Kathleen R. Cho, Eric R. Fearon, Tzyy-Chou Wu, Kenneth W. Kinzler, and Bert Vogelstein

Novel insights into erythroid development revealed through in vitro differentiation of GATA-1-embryonic stem cells
Mitchell J. Weiss, Gordon Keller, and Stuart H. Orkin

A tertiary interaction in the Tetrahymena intron contributes to selection of the 5' splice site
William D. Downs and Thomas R. Cech

Specificity determinants for the interaction of λ repressor and P22 repressor dimers
Frederick W. Whipple, Natalie H. Kuldell, Lynn A. Cheatham, and Ann Hochschild

mPPARγ2: tissue-specific regulator of an adipocyte enhancer
Peter Tontonoz, Erding Hu, Reed A. Graves, Adriane I. Budavari, and Bruce M. Spiegelman

Several hydrophobic amino acids in the p53 amino-terminal domain are required for transcriptional activation, binding to mdm-2 and the adenovirus 5 E1B 55-kD protein
Jiayuh Lin, Jiandong Chen, Brian Elenbaas, and Arnold J. Levine

Cover (Background) Sagittal section of a Doa heteroallelic mutant (Doa105/Doa106), showing normal numbers of rhabdomeres and pigment accumulation, but interrupted by random ablation of pigment cells. (Panel) Transverse section of a DoaH9 homozygote, showing complete elimination of rhabdomeres and variegating pigment accumulation. (For details, see Yun et al., p. 1160.)