



Ready-to-Use Lentiviral Packaging Mix

CELLECTA

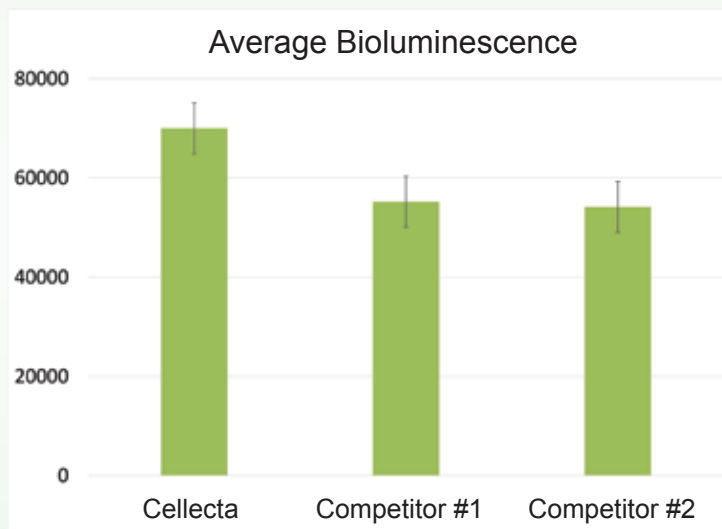


Cellecta's Ready-to-Use Lentiviral Packaging Plasmid Mix allows the production of pseudoviral particles when mixed with second- or third-generation lentiviral vectors. Our Packaging Mix is a mixture of the HIV-based lentiviral packaging plasmid psPAX2 and the pMD2.G plasmid containing VSV-G. These plasmids provide all the necessary structural, regulatory, and replication proteins required to produce pseudotyped packaged lentiviral expression constructs when co-transfected with an HIV-based lentiviral expression construct into a producer 293T cell line.

Infect Most Cell Types with Pseudotyped Packaged Lentivirus

- VSV-G envelope protein provides broad tropism
- Works in mammalian and non-mammalian cells
- Cells do not have to be dividing for successful infection

Cellecta's Lentiviral Packaging Mix Outperforms Competitors



The same lentiviral vector that expresses firefly luciferase was used in all three packaging protocols. Each lentivector was packaged according to the manufacturer's protocol in 293T cells. Collected virus was used fresh to transduce 293T cells for 48 hours. Firefly luciferase activity was assayed using a standard protocol and compared to untransduced cells. The results show a 30% improvement with Cellecta's mix over the mixes from both competitors.

Ordering Information

Cat.# CPCP-K2A • Ready-to-use Lentiviral Packaging Plasmid Mix, 250 µg, 0.5 µg/µl • \$300
Enough for 25 10-cm plates or 8 15-cm plates.

Email orders@cellecta.com or call (877) 938-3910 to place your order.

Or, order directly online at cellecta.com/packaging