Concentrate Lentivirus... Effortlessly

Increase your viral titer 100-fold with Lenti-X™ Concentrator—without ultracentrifugation

- Simply mix and spin
- Hassle-free and easily scaled up for large volumes
- No ultracentrifugation required
- 100X concentration, 90% recovery

Need to concentrate your lentivirus preps, but don’t want the hassle of ultracentrifugation? Use Lenti-X Concentrator to increase your available titer up to 100-fold and infect your target cells at higher MOIs and in reduced volumes, without making more virus.

Simple Protocol: Mix, Wait, Spin

Lenti-X Concentrator provides a fast, simple, and highly efficient method for concentrating any lentiviral stock. In the simple protocol, you just mix your lentiviral supernatant with the Lenti-X Concentrator reagent, incubate for a short period, and spin the mixture in a standard centrifuge (Figure 1). You’ll increase your vector titer by up to 100-fold in ~1 hr, and obtain excellent recoveries—with no ultracentrifugation. Lenti-X Concentrator works for all lentiviral supernatants, including those made from any of Clontech’s Lenti-X Systems, and the procedure can be scaled up or down to best suit your needs.

Figure 1. The Lenti-X Concentrator protocol.
Add Lenti-X Concentrator (4X) to clarified viral supernatant
Incubate at 4°C for 30 min to overnight
Centrifuge at 1,500 x g at 4°C for 45 min
Collect pellet and resuspend in 1/10 to 1/100 original volume

Pour en savoir plus

Lenti-X Concentrator : 1 volume
Surnageant : 3 volumes

Products
<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Product</th>
<th>Package Size</th>
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<tbody>
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<td>Lenti-X Concentrator</td>
<td>100 ml</td>
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<tr>
<td>631232</td>
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<td>500 ml</td>
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