



LentiFuge is a lentiviral purification reagent that allows for precipitation and concentration of virus without the use of high speed ultracentrifugation. The protocol for LentiFuge is only 2 hours long. The first hour is an incubation period with LentiFuge. The second hour is a standard centrifugation step in a Beckman JA-14, JA-10, or similar rotor. After these two short steps, the purified virus is simply resuspended and concentrated in the volume of choice and either used immediately or aliquoted and frozen. The amount of LentiFuge reagent provided (1 ml) will be sufficient to concentrate and purify virus from 1 liter of supernatant.

Purify and Concentrate Lentivirus

- Easy protocol uses standard laboratory equipment
- Protocol takes only 2 hours
- Virus can be frozen in aliquots or used fresh after concentration

Easy Two-Step Protocol

- Add 1000X LentiFuge to viral supernatant and incubate for 1 hour
- Centrifuge in a Beckman JA-14 or similar rotor for 1 hour

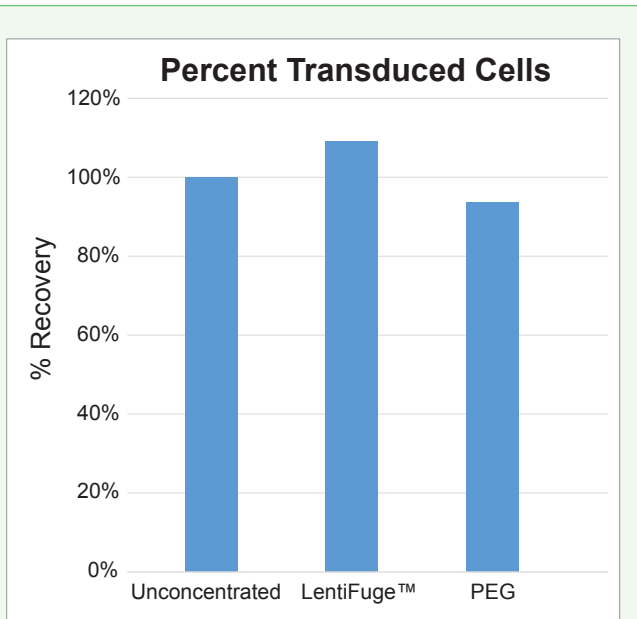
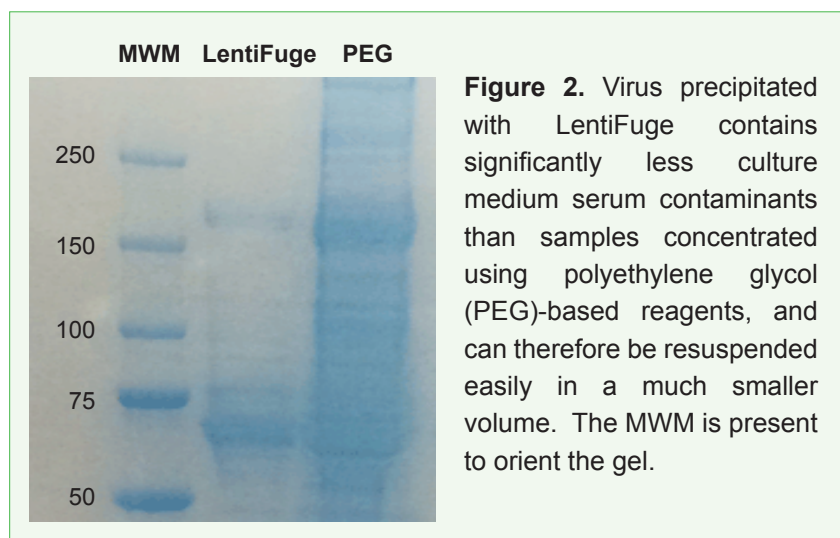


Figure 1. LentiFuge-purified virus shows no titer loss and improved transduction efficiency compared to PEG-concentrated virus.



Ordering Information

Cat.# LFVC1
 LentiFuge™ Viral
 Concentration Reagent
 1 ml (1000X)

Provides Enough for
 Concentrating 1 Liter
 of Viral Supernatant