

Lentivirus Purification Protocol

Cat. No.: LV999

1. Harvest viral supernatant, spin at 2500g for 10 minutes and filter through a 0.45 um syringe filter.
2. Add 5ml of Lenti-binding solution to 45 ml of the viral supernatant and mix **thoroughly** by inversion.
3. Centrifuge at $\geq 5000g$ at 4C for 10 minutes.
4. Decant the supernatant. Be careful not to disturb the pellet.
5. Resuspend the viral pellet in 0.45ml ~ 4.5ml of serum-containing medium, depending on the concentration of virus needed.

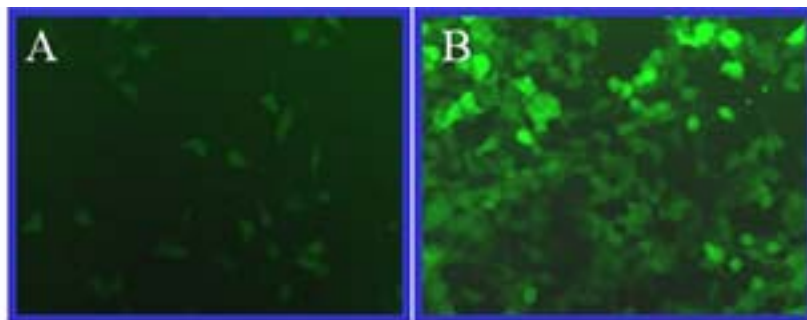


Fig: Lentiviral Infection Efficiency. 293 cells in a 12 well plate were infected with 1ul of unpurified viral supernatant (A) and 1 ul of purified viral stock (B). Picture were taken 48 hours after virus infection.