

## Lentivirus Storage Buffer

Cat. #: M0060 Size: 50 ml

### Introduction

Lentivirus Storage Buffer is developed to preserve the infectivity of lentivirus in storage. When stored in regular production media, such as DMEM, after 6 months of storage at -80°C, most of the infectivity will be lost. In contrast, when stored in the Lentivirus Storage Buffer, the infectivity is well preserved.

### Package Information

Components	M0060
Lentivirus Storage Buffer	50 ml

### Storage

Store at 4°C .

### Staining Protocols

1. Harvest lentiviral supernatant: Use Lentiviral Packaging Kit (Cat. # M0040) to make lentiviral particles. Collect the lentiviral supernatant, centrifuge at 500 g for 10 min, then filter through 0.45 µm filter to remove any cell debris.
2. Mix lentiviral supernatants with Lentivirus Concentration Reagent: Transfer the lentiviral supernatants to 15 ml or 50 ml sterile conical centrifuge tubes depending on the volume; add 1 volume of cold Lentivirus Concentration Reagent to every 4 volumes of lentiviral supernatant. Mix by gentle inversion.
3. Incubation at 4°C or on ice: Incubate the mixture at 4°C or on ice for 1.5 hrs.
4. Centrifugation: Centrifuge at 3,500 g for 25 min at 4°C, remove the supernatant carefully.
5. Re-centrifuge at 3,500 g for 5 min at 4°C, remove the trace supernatant carefully.
6. Re-suspend the virus in cold, sterile Lentivirus Storage Buffer at 1/100 of the original sample volume by gently pipetting up and down or a higher volume if less concentrated virus is needed.
7. Aliquot and store at -80°C.