Virus Protection Medium Protocol

Catalogue number: VF010; Size: 100 uL and VF050; Size: 500 uL

Applications

Viral Protection Medium can be used to prolong the shelf-life of viral particles and to maintain 90% of functional titers past six freeze-thaw cycles.

Product Descriptions

Virus Protection Medium can effectively preserve functional viral particles during repetitive freeze-thaw cycles. Usually, lentivirus titer drops up to 50% after one freeze-thaw cycle. By adding Virus Protection Medium to the concentrated virus stock, more than 90% of functional viral particles are preserved, even after six freeze-thaw cycles, which significantly extends the shelf life of the virus stock.

Protocol

1. Add 1 volume of Virus Protection Medium into 4 volumes of the concentrated virus suspension, mix gently by pipetting up and down.
2. Aliquot the virus/ Virus Protection Medium mixture in a proper volume.
3. Store the aliquots at -80 °C until ready for use.
4. When using the virus, thaw the virus aliquot on ice, snap freeze it after each use and store at -80 °C.

Related Products

Products	Catalogue number	Description
Lentiviral Expression Vectors	LV series	Various lentiviral expression vectors for your research needs.
Lentiviral Reporter Plasmids	LV series	Various lentiviral reporter vectors for your research needs.
Lentiviral Packaging Mix	VP100	Ready-to-use 3rd generation HIV-based lentiviral packaging system.

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ViralBoost Reagent	VB100	A novel cocktail of small molecules that can enhance viral production.
TransPlus™ Virus Transduction Enhancer	V020	Mixture of polymers optimized for the infection of lentivirus or retrovirus to most cells.
NanoFect Transfection Reagent	NF 100	Nanotechnology-based reagent providing efficient gene delivery for most cell types.
Lentivirus Precipitation Solution	VC100	Concentrate Lentiviral particles up to 100 fold in 4 hours.