

Data Sheet

Titanium™ Lentivirus Transduction Enricher

Cat No	KB-KZ20-100
Size	100 ul
Storage	Store at 4°C. Avoid repeated freeze-thaw cycles

Description:

Titanium™ Lentivirus Transduction Enricher is a mixture of polymers optimized for the infection of lentivirus or retrovirus to most cells. It can increase the transduction rate up to 10 fold.

Titanium™ Lentivirus Transduction Enricher is provided as a 500X solution. It is sufficient for 100 transductions in a 24 well plate.

Usage:

Day 1

1. Plate 50,000 cells per well in a 24 well plate in cell culture medium.

Day 2

1. Cells should be between 50 to 70% confluent .
2. Aspirate medium from cells.
3. Combine culture medium with Titanium™ Lentivirus Transduction Enricher to a 1X final concentration.
(Example: Add 1 ul of Titanium™ Lentivirus Transduction Enricher to 500 ul culture medium and then transfer to each well)
4. Add virus to each well and rock the plate to mix well.
Optional: Add virus to different wells at varying MOIs (5, 10 and 20, etc.) to optimize the transduction.

Day 5

1. ~72 hours post transduction, check the cells for reporter expression, if the viral construct has a reporter like GFP.
2. Aspirate medium. Wash the cells with PBS.
3. Add 100 ul of Lysis Buffer to each well.
4. Titrate virus according to protocol given titration kit.

LIMITED WARRANTY

Krishgen Biosystems does not warrant against damages or defects arising in shipping or handling, or out of accident or improper or abnormal use of the product; against defects in products or components not manufactured by Krishgen Biosystems, or against damages resulting from such non-Krishgen Biosystems made products or components. Krishgen Biosystems passes on to customer the warranty it received (if any) from the maker thereof of such non-Krishgen made products or components. This warranty also does not apply to product to which changes or modifications have been made or attempted by persons other than pursuant to written authorization by Krishgen Biosystems.

THIS WARRANTY IS EXCLUSIVE. The sole and exclusive obligation of Krishgen Biosystems shall be to repair or replace the defective product in the manner and for the period provided above. Krishgen Biosystems shall not have any other obligation with respect to the products or any part thereof, whether based on contract, tort, and strict liability or otherwise. Under no circumstances, whether based on this Limited Warranty or otherwise, shall Krishgen Biosystems be liable for incidental, special, or consequential damages.

This Limited Warranty states the entire obligation of Krishgen Biosystems with respect to the product. If any part of this Limited Warranty is determined to be void or illegal, the remainder shall remain in full force and effect.

The product is For Research Use only and not for Diagnostic or Clinical Use.

Krishgen Biosystems. 2019

THANK YOU FOR USING KRISHGEN PRODUCT!