

Lenti-X™ Accelerator

Catalog Nos.	Amount	Lot Number
631256	400 µl	Specified on product label.
631257	1,000 µl	Specified on product label.

Description

Lenti-X Accelerator is a magnetic bead-based technology designed to accelerate lentiviral transduction experiments. Traditional lentiviral transductions require overnight incubation of your cells and virus with Polybrene, but Lenti-X Accelerator allows you to complete this process in only 30 minutes and avoid using Polybrene altogether. Charged magnetic beads bind to virus particles from your lentiviral packaging supernatant and are pulled into contact with your cells in the presence of a magnetic field. A Magnetic Separator for Cell Culture (Cat. No. 631255) is available separately or supplied together with the Lenti-X Accelerator reagent in the Lenti-X Accelerator Starter Kit (Cat. No. 631254). Lenti-X Accelerator is excellent for transducing lentivirus, MMLV retrovirus, and MSCV retrovirus preparations.

Package Contents

<u>631256</u>	<u>631257</u>	
400 µl	1,000 µl	Lenti-X Accelerator

Storage Conditions

- Store at 4°C. DO NOT FREEZE.

Expiration Date

- Specified on product label.

Shipping Conditions

- Blue ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:

- Lenti-X Accelerator Protocol-At-A-Glance

Quality Control Data

Functional Test

HT1080 cells were transduced for 5 minutes in the presence of Lenti-X Accelerator or Polybrene using lentivirus or retrovirus containing a gene for green fluorescent protein. The Lenti-X Accelerator reaction displayed at least a tenfold increase in transduction efficiency compared to Polybrene after a 5 min incubation.

Sterility Test

There was no evidence of bacterial or fungal growth after inoculation on blood agar, thioglycollate medium, or Sabouraud dextrose agar.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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Lenti-X™ Accelerator

CATALOG NOS.

631256 & 631257

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

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