

Lenti-X™ qRT-PCR Titration Components

Catalog No.	Amount	Lot Number
631236 (Not sold separately) Sold as a part of 631235	Each	Specified on product label.

Description

This package supplies essential components for the Lenti-X qRT-PCR Titration Kit, which is designed for the rapid titration of HIV-1-based lentiviral supernatants using qRT-PCR. The components include DNase I for removing residual plasmid DNA, a calibrated viral RNA control template, primers, and EASY Dilution Buffer for making sample and control template dilutions.

Package Contents

Box 1

- 30 µl Lenti-X RNA Control Template (5 x 10⁸ copies/µl)

Box 2

- 80 µl DNase I
- 50 µl DNase I Buffer (10X)
- 100 µl Lenti-X Forward Titer Primer
- 100 µl Lenti-X Reverse Titer Primer
- 4 tubes EASY Dilution Buffer (1 ml/tube)

Storage Conditions

- Store Box 1 at -70°C.
- Store Box 2 at -20°C.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice (-70°C)

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Lenti-X qRT-PCR Titration Kit User Manual
- Lenti-X qRT-PCR Titration Kit Protocol-at-a-Glance

Quality Control Data

Dilutions of the RNA standard (10⁸–10⁴ copies) and a no-template control were tested using the components of the kit. The resulting standard curve yielded a R² >0.990, with an amplification efficiency between 0.9 and 1.1.

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

Takara Bio USA, Inc.

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631236

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.

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