

## Lenti-X™ Packaging Single Shots (Envelope-Free)

**Catalog No.**

631297 (not sold separately)  
Sold as a part of 631294 and  
631295

**Amount**

16 rxns

**Lot Number**

Specified on product label.

### Description

Lenti-X Packaging Single Shots (Envelope-Free) provides a one-step method for producing high-titer lentivirus pseudotyped with a desired envelope protein. Each tube of Lenti-X Packaging Single Shots (Envelope-Free) contains pre-measured, lyophilized Xfect™ Transfection Reagent and an optimized formulation of Lenti-X lentiviral packaging plasmids. High-titer pseudovirus is produced by adding the lentiviral transfer vector of choice and a plasmid encoding the desired envelope protein in sterile water, reconstituting, and then using the mixture to transfect 293T cells (e.g., Lenti-X 293T Cells, Cat. No. 632180) in a 10-cm dish.

### Package Contents

- 1 box containing 16 Lenti-X Packaging Single Shots (Envelope-Free), in two foil pouches (8 tubes/pouch) containing desiccant.

### Storage Conditions

- Store Lenti-X Packaging Single Shots (Envelope-Free) at –20°C in the supplied foil pouch containing the desiccant sachet. Do not thaw until ready for use.
- Make sure to return the box containing any unused Lenti-X Packaging Single Shots (Envelope-Free) to the supplied foil pouch containing the desiccant sachet, and store at –20°C.

### Shelf Life

- 1 year from date of receipt under proper storage conditions.

### Shipping Conditions

- Dry ice

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](https://takarabio.com/manuals)

The following documents apply to this product:

- Lenti-X SARS-CoV-2 Packaging Single Shots (Envelope-Free) Protocol-at-a-Glance

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**Takara Bio USA, Inc.**

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

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# Certificate of Analysis

Cat. No. 631297

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## Quality Control Data

### Transfection Test

293T cells were transfected with the reconstituted packaging mix and two plasmids, one encoding the fluorescent protein AcGFP1 and one encoding the truncated SARS-CoV-2 D614G spike protein, as described in the Lenti-X SARS-CoV-2 Packaging Single Shots Universal System Protocol-at-a-Glance. 48 hr post-transfection, AcGFP1 expression was assessed by flow cytometry, and transfection efficiency (as determined by the percentage of 293T cells expressing AcGFP1) was demonstrated to be >75%. The presence of virus particles in the supernatant of transfected cells was confirmed using Lenti-X GoStix™ Plus.

### Sterility Test

There was no evidence of bacterial or fungal growth after inoculation on thioglycolate medium and tryptic soy broth.

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

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### CATALOG NO.

631297

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### STATEMENT 63

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### STATEMENT 259

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### STATEMENT 55

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# Notice to Purchaser



75 724 Paris Cedex 15 ([www.pasteur.fr](http://www.pasteur.fr)).

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