

Product Components List

Lenti-X™ SARS-CoV-2 Packaging Single Shots (Universal)

Catalog No.	Amount
631295	16 rxns

Description

Lenti-X SARS-CoV-2 Packaging Single Shots (Universal) enables streamlined production of high-titer lentivirus pseudotyped with the SARS-CoV-2 spike protein of choice. The kit includes pre-aliquoted, lyophilized, single tubes of Xfect™ Transfection Reagent premixed with an optimized formulation of Lenti-X lentiviral packaging plasmids. The pEmpty Vector provided with the kit can be used for cloning and expression of the desired SARS-CoV-2 spike variant. Also provided is the Lenti-X SARS-CoV-2 Spike Vector Set, which includes three vectors encoding the truncated (19 aa deletion in the C-terminus) SARS-CoV-2 spike variants D614G, B.1.1.7, and B.1.351. To produce lentivirus, simply reconstitute the lyophilized packaging mix with a mixture of the desired spike variant vector and a lentiviral transfer vector, and add it to 293T packaging cells (e.g., Lenti-X 293T Cells, Cat. No. 632180).

The Lenti-X Reporter Vector Set included in the kit contains two self-inactivating lentiviral transfer vectors encoding ZsGreen1 and firefly luciferase for use as reporters for lentiviral transduction.

NOTE: The plasmids provided in the Lenti-X Reporter Vector Set and Lenti-X SARS-CoV-2 Spike Vector Set as well as the pEmpty Vector itself must be amplified in bacteria to obtain sufficient quantities for pseudovirus production using the kit.

Package Contents

- Lenti-X Packaging Single Shots (Envelope-Free) (Cat. No. 631297; Not sold separately) [>>View Components](#)
- pEmpty Vector (Cat. No. 631298; Not sold separately) [>>View Components](#)
- Lenti-X Reporter Vector Set (Cat. No. 632677; Not sold separately) [>>View Components](#)
- Lenti-X SARS-CoV-2 Spike Vector Set (Cat. No. 631296; Not sold separately) [>>View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

Product Documents

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

The following documents apply to this product:

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

Notice to Purchaser

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