

Lenti-X™ SARS-CoV-2 Spike Vector Set

Catalog No.

631296 (not sold separately)
Sold as a part of 631295

Amount

Each

Lot Number

Specified on product label.

Description

The Lenti-X SARS-CoV-2 Spike Vector Set provides three vectors encoding for the truncated (deletion of the last 19aa in the C-terminus) version of the SARS-CoV-2 spike protein variants D614G, B.1.1.7 (alpha) or B.1.351 (beta) under the CMV promoter.

Package Contents

- 20 µl pSpike D614G Truncated Vector (500 ng/µl)
- 20 µl pSpike B.1.1.7 Truncated Vector (500 ng/µl)
- 20 µl pSpike B.1.351 Truncated Vector (500 ng/µl)

Storage Conditions

- 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

The following documents apply to this product:

- Lenti-X SARS-CoV-2 Packaging Single Shots Universal System Protocol-at-a-Glance
- pSpike D614G Truncated Vector Sequence in GenBank Format
- pSpike B.1.1.7 Truncated Vector Sequence in GenBank Format
- pSpike B.1.135 Truncated Vector Sequence in GenBank Format

Quality Control Data

Plasmid Identity

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Vector	Enzyme(s)	Fragment(s)
pSpike D614G Truncated	EcoRI	8,535 bp
	BglII & SalI	4,470 bp & 4065 bp
pSpike B.1.1.7 Truncated	EcoRI	8,540 bp
	BglII & SalI	4,475 bp & 4,065 bp

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Certificate of Analysis

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pSpike B.1.351 Truncated	EcoRI	8,526 bp
	BglII & SalI	4,461 bp & 4,065 bp

- A260/A280: 1.8–2.0
- Vector identities were confirmed by sequencing

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

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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.

STATEMENT 63

Use of this product is covered by one or more of the following U.S. Patent Nos. and corresponding patent claims outside the U.S.: 6,998,115; 7,427,394. This product is intended for research purposes only. It may not be used for (i) any human or veterinary use, including without limitation therapeutic and prophylactic use, (ii) any clinical use, including without limitation diagnostic use, (iii) screening of chemical and/or biological compounds for the identification of pharmaceutically active agents (including but not limited to screening of small molecules), target validation, preclinical testing services, or drug development. Any use of this product for any of the above mentioned purposes requires a license from the Massachusetts Institute of Technology.

STATEMENT 55

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