

Lenti-X™ Integration Site Analysis Components

Catalog No.	Amount	Lot Number
631264 (Not sold separately) Sold as part of 631263	Each	Specified on product label.

Description

The Lenti-X Integration Site Analysis Components is supplied as part of the Lenti-X Integration Site Analysis Kit (Cat. No. 631263). It contains enzymes and nucleic acid components required for the Lenti-X Integration Site Analysis Kit, which uses GenomeWalker™ technology to determine the sequence flanking lentivirus integration sites.

Package Contents

- 60 µl Dra I (10 units/µl)
- 100 µl 10X Dra I Restriction Buffer
- 30 µl Ssp I (10 units/µl)
- 100 µl 10X Ssp I Restriction Buffer
- 30 µl Hpa I (10 units/µl)
- 100 µl 10X Hpa I Restriction Buffer
- 10 µl T4 DNA Ligase (6 units/µl)
- 40 µl 10X Ligation Buffer
- 40 µl GenomeWalker Adaptor (25 µM)
- 250 µl Adaptor Primer 1 (AP1; 10 µM)
- 250 µl Nested Adaptor Primer 2 (AP2; 10 µM)
- 250 µl Lentivirus Specific Primer 1 (LSP1; 10 µM)
- 250 µl Nested Lentivirus Specific Primer 2 (LSP2; 10 µM)
- 75 µl Control Human Genomic DNA (Lentivirus; 0.1 µg/µl)

Storage Conditions

- Store at -20°C.

Expiration Date

- Specified on product label.

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 Integration Site Analysis Kit User Manual

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. No. 631264

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Quality Control Data

A sample kit was tested to ensure the quality of this lot of Lenti-X Integration Site Analysis Kits. The positive control library was constructed from Control Human Genomic DNA (Lentivirus) according to the protocol. 1 μ l of the library was amplified by PCR with AP1 and LSP1 primers, followed by a secondary nested PCR amplification using AP2 and LSP2 primers. The nested PCR product was examined by electrophoresis on a 1.0% agarose/EtBr gel, and a single major band of 700 bp was observed.

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

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CATALOG NO.

631264

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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