

## Retro-X™ Integration Site Analysis Components

<b>Catalog No.</b>	<b>Amount</b>	<b>Lot Number</b>
631468 (Not sold separately) Sold as a part of 631467	Each	Specified on product label.

### Description

The Retro-X Integration Site Analysis Components is supplied as part of the Retro-X Integration Site Analysis Kit (Cat. No. 631467). It contains enzymes and nucleic acid components required for the Retro-X Integration Site Analysis Kit, which uses GenomeWalker™ technology to determine the sequence flanking retrovirus 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 Retrovirus Specific Primer 1 (RSP1; 10 µM)
- 250 µl Nested Retrovirus Specific Primer 2 (RSP2; 10 µM)
- 75 µl Control Human Genomic DNA (Retrovirus; 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](http://takarabio.com/manuals)

The following documents apply to this product:

- Retro-X Integration Site Analysis Kit User Manual

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#### Takara Bio USA, Inc.

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# Certificate of Analysis

Cat. No. 631468

Retro-X Integration Site Analysis Components (Not sold separately)

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## Quality Control Data

A sample kit was tested to ensure the quality of this lot of Retro-X Integration Site Analysis Kits. The positive control library was constructed from Control Human Genomic DNA (Retrovirus) according to the protocol. 1 µl of the library was amplified by PCR with AP1 and RSP1 primers, followed by a secondary nested PCR amplification using AP2 and RSP2 primers. The nested PCR product was examined by electrophoresis on a 1.0% agarose/EtBr gel, and a single major band of 2,000 bp was observed.

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

## Retro-X™ Integration Site Analysis Components

### CATALOG NO.

631468

### 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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