

# Certificate of Analysis

## Lenti-X™ GoStix™ Plus (Sample-Not for Sale)

Catalog No.	Amount	Lot Number
631279 (Not sold separately)	3 tests	Specified on product label.

### Description

Lenti-X GoStix Plus are designed to measure the titer of lentivirus in a preparation using only 20 µl of packaging cell supernatant. The test detects and quantifies lentiviral p24 via the GoStix Plus smartphone app, which compares the intensity of the bands to an internal p24 standard control. The resulting value (the GoStix Value [GV] equivalent to ng/ml p24) can be used to compare virus amounts between different preparations, similar to, but far easier and quicker than an ELISA. Actual IFU/ml can then be calculated if a reference virus is used. The included p24 Control provides confirmation of Lenti-X GoStix Plus function. Visit [www.takarabio.com/gostixhelp](http://www.takarabio.com/gostixhelp) for information on how to download and use the smartphone app.

### Package Contents

#### 631279

(3 tests)

3 each	Lenti-X GoStix Plus (1 test each)
1 vial	Chase Buffer (3 ml/vial)
1 vial	p24 Control (5 tests/vial)

### Storage Conditions

- Store all components at room temperature upon receipt.
- Reconstitute the p24 Control in 500 µl of Chase Buffer, vortex to resuspend, and then dilute 5 µl of the resuspended p24 Control in 195 µl of Chase Buffer. Use 100 µl of diluted p24 Control per cassette. Store remainder at 4°C. For long-term storage, add 0.1% sodium azide.

### Shelf Life

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

### Shipping Conditions

- Room temperature

### 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:

- Lenti-X GoStix Plus Protocol-at-a-Glance

### Quality Control Data

Lenti-X GoStix Plus were tested in triplicate with a dilution series of p24 control protein, and samples were read using the Lenti-X GoStix Plus smartphone app on both iOS and Android platforms to establish the linearity of the assay (>0.97).

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

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### CATALOG NO.

631279

### NOTICE TO PURCHASER:

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### STATEMENT 89

This product is protected by U.S. Patent 9,945,850 and additional pending patent. For further license information, please contact a Takara Bio USA licensing representative by email at [licensing@takarabio.com](mailto:licensing@takarabio.com).

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