

Product Components List

Retro-X™ qRT-PCR Titration Kit

Catalog No.	Amount
631453	200 rxns

Description

This Retro-X qRT-PCR Titration Kit and a real-time PCR instrument can be used to rapidly quantify the virion content of MMLV-based retroviral supernatants. The viral genome copy number in a supernatant sample is determined by first purifying the viral RNA, and then comparing the RT-PCR threshold cycle (C_t) of an appropriate dilution of purified viral RNA to sample curve C_t values that are derived from a calibrated, serially diluted control viral RNA template.

Package Contents

- Retro-X qRT-PCR Titration Components (Cat. No. 631454; Not sold separately) >>[View Components](#)
- NucleoSpin RNA Virus Kit (Cat. No. 740956.10)
- Quant-X™ One-Step qRT-PCR TB Green® Kit (200 rxns) (Cat. No. 638317; 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:

- Retro-X qRT-PCR Titration Kit User Manual
- Retro-X qRT-PCR Titration Kit Protocol-at-a-Glance
- Viral RNA Isolation User Manual
- Quant-X One-Step qRT-PCR TB Green Kit User Manual
- Quant-X One-Step qRT-PCR TB Green Kit Protocol-at-a-Glance

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This document has been reviewed and approved by the Quality Department.

Takara Bio USA, Inc.

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