

BacPAK™ qPCR Titration Kit Components

Catalog No.	Amount	Lot Number
631415 (Not sold separately) Sold as a part of 631414	200 rxns	Specified on product label.

Description

This package contains the components of the BacPAK qPCR Titration Kit. The copy numbers of viral DNA genomes contained in virus samples are determined by comparing the qPCR threshold cycles (Ct) derived from serial dilutions of purified viral DNA to the Ct values derived from dilutions of a calibrated control template. This package includes enough reagents to conduct 200 qPCR reactions using either the BacPAK DNA Control Template or purified viral DNA samples.

Package Contents

- 40 µl BacPAK DNA Control Template (1.4 x 10⁸ copies/µl)
- 100 µl BacPAK Forward Titer Primer (10 µM)
- 100 µl BacPAK Reverse Titer Primer (10 µM)
- 4 tubes EASY Dilution Buffer (1 ml/tube)

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:

- BacPAK qPCR Titration Kit User Manual

Quality Control Data

Dilutions of the DNA standard (10⁸–10⁴ copies) and a no-template control were tested using the components of the kit. The resulting standard curve yielded an R² >0.98, with an amplification efficiency between 0.9–1.1.

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

Takara Bio USA, Inc.

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CATALOG NO.

631415

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.

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