

Certificate of Analysis

BacPAK™ Baculovirus Rapid Titer Kit

Catalog No.
631406

Amount
5 assays

Lot Number
Specified on product label.

Description

Kit for quick determination of the titer of baculovirus stocks (e.g., stocks of recombinant baculovirus). A titer is obtained in 2 days, compared to 5–8 days with conventional titrating methods. The assay uses an antibody to detect virus infected cells and is thus able to detect virus infections long before methods that detect plaque formation. Stocks of any AcMNPVtype baculovirus with titers of $>10^4$ PFU/ml or IFU/ml can be titered using this kit.

Package Contents

- 13 μ l Mouse gp64 Antibody
- 30 μ l Goat Anti-mouse Antibody/HRP Conjugate
- 0.5 ml Normal Goat Serum
- 4 ml Blue Peroxidase Substrate
- 4 ml Methyl Cellulose Overlay
- 2 Resealable Plastic Bags

Storage Conditions

- Store Normal Goat Serum and Goat Anti-mouse Ab/HRP Conjugate at -20°C .
- Store Mouse gp64 Ab, Blue Peroxidase Substrate and Methyl Cellulose Overlay at 4°C .

Shelf Life

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

Shipping Conditions

- Blue ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:

- BacPAK Baculovirus Rapid Titer Kit User Manual (PT3153-1)
- BacPAK Baculovirus Rapid Titer Kit Protocol-at-a-Glance

Quality Control Data

The BacPAK Baculovirus Rapid Titer Kit was used to titer the Control Baculovirus according to the protocol. Foci of infection were clearly visible in the 10^{-5} dilution.

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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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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