

## Luminescent $\beta$ -galactosidase Detection Kit II

**Catalog No.**  
631712

**Amount**  
300 rxns

**Lot Number**  
Specified on product label.

### Description

The Luminescent  $\beta$ -galactosidase Detection Kit II is a complete system for the chemiluminescent detection of  $\beta$ -galactosidase enzyme activity. The kit contains all the reagents necessary for 300 chemiluminescent assays to detect enzyme activity. The protocol describes chemiluminescent detection of  $\beta$ -galactosidase via a scintillation counter, tube or plate luminometer, or x-ray film.

### Package Contents

**Package 1:**

- 50  $\mu$ l Positive Control  $\beta$ -galactosidase

**Package 2:**

- 70 ml Reaction Buffer
- 1.4 ml Reaction Substrate

### Storage Conditions

- Store Positive Control  $\beta$ -galactosidase at  $-20^{\circ}\text{C}$ .
- Store all other components at  $4^{\circ}\text{C}$ . **DO NOT FREEZE.**

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Package 1: Dry ice
- Package 2: Blue 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:

- Luminescent  $\beta$ -gal User Manual
- Luminescent  $\beta$ -galactosidase Reporter System 3 Protocol-At-A-Glance

### Quality Control Data

#### Enzyme assay

1  $\mu$ l (1 U) of the Positive Control  $\beta$ -galactosidase was added to 19  $\mu$ l of a cell lysate prepared according to the protocol from untransfected CHO cells. The enzyme mixture was then assayed according to the protocol as described in the User Manual.

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

---

#### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

United States/Canada  
800.662.2566  
(052124)

Asia Pacific  
+1.650.919.7300

Europe  
+33.(0)1.3904.6880

Japan  
+81.(0)77.565.6999

## Luminescent $\beta$ -galactosidase Detection Kit II

### CATALOG NO.

631712

### 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.

### TRADEMARKS:

**©2024 Takara Bio Inc. All Rights Reserved.**

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

---

#### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

**United States/Canada**

**Asia Pacific**

**Europe**

**Japan**

5/21/2024

800.662.2566

+1.650.919.7300

+33.(0)1.3904.6880

+81.(0)77.565.6999