

PRODUCT: Luminescent β -galactosidase Detection Kit II**CATALOG No.** 631712**LOT NUMBER**

Specified on product label.

STORAGE CONDITIONS

- Store Positive Control β -galactosidase at -20°C
- Store all other components at 4°C
DO NOT FREEZE.

SHELF LIFE

6 months from date of receipt under proper storage conditions.

SHIPPING CONDITIONSBox 1: Dry ice (-70°C)Box 2: Blue ice (4°C)**DESCRIPTION**

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

NUMBER OF ASSAYS: 300**PACKAGE CONTENTS****Box 1:**

- 50 μl Positive Control β -galactosidase

Box 2:

- 70 ml Reaction Buffer
- 1.4 ml Reaction Substrate

PRODUCT USER MANUALS

User manuals for Clontech products are available for download at www.clontech.com/manuals. The following user manuals apply to this product:

- Luminescent β -gal User Manual (PT2106-1)
- Luminescent β -galactosidase Reporter System 3 Protocol-at-a-Glance (PT2106-2)

FOR RESEARCH USE ONLY**QUALITY CONTROL DATA**

Enzyme assay: 1 μl (1 U) of the Positive Control β -galactosidase was added to 19 μl 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.

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