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PRODUCT: Ready-To-Glow™ Secreted Luciferase Reporter Assay

CATALOG No.	AMOUNT
631726	100 rxn
631727	500 rxn
631728	1,000 rxn

LOT NUMBER

Specified on product label.

STORAGE CONDITIONS

Store all components at -20°C.

SHELF LIFE

1 year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS

Dry ice (-70°C)

DESCRIPTION

Our Ready-To-Glow Secreted Luciferase Reporter Assay is a complete system designed for use in a transcription reporter system based on luciferase activity in the supernatant of transfected cells. In the presence of secreted luciferase in the sample, a nonluminescing substrate is converted to a luminescent compound. The intensity of bioluminescence is directly proportional to the amount of luciferase activity. The kit, which includes a substrate buffer, reaction buffer, and a lyophilized secreted luciferase substrate, is available in three reaction sizes. Our Ready-To-Glow Secreted Luciferase Reporter Assay has been customized to work optimally with our Secreted Luciferase Vector Kits.

PACKAGE CONTENTS

631726 (100 rxn kit):

- 60 µl Substrate Buffer
- 500 µl Reaction Buffer
- 65 µg Lyophilized Secreted Luciferase Substrate

631727 (500 rxn kit):

- 250 µl Substrate Buffer
- 2.5 ml Reaction Buffer
- 275 µg Lyophilized Secreted Luciferase Substrate

631728 (1,000 rxn kit):

- 500 µl Substrate Buffer
- 5 ml Reaction Buffer
- 550 µg Lyophilized Secreted Luciferase Substrate

OTHER

- Ready-To-Glow Secreted Luciferase Reporter Assay Protocol-at-a-Glance (PT3902-2)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

Signal intensity of media supernatant of CHO cells transfected with pMetLuc2-Control is at least 70-fold higher than mock transfected CHO cells 4 hr after initial addition of media.

APPROVED BY: _____

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Metridia Luciferase:

Markova, S.V., Golz, S., Frank, L.A., Kalthof, B. & Vysotski, E. S. (2004) Cloning and expression of cDNA for a luciferase from the marine copepod *Metridia longa*. A novel secreted bioluminescent reporter enzyme. *J. Biol. Chem.* **279**(5):3212-3117.

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