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PRODUCT COMPONENTS LIST: Ready-To-Glow™ NFκB Secreted Luciferase Reporter System

CATALOG No.	SIZE
631743	100 reactions

DESCRIPTION

Our Ready-To-Glow NFκB Secreted Luciferase Reporter System, based on the secreted *Metridia* luciferase reporter, consists of two separate kits—the Ready-To-Glow Secreted Luciferase Reporter Assay and the Ready-To-Glow pNFκB-MetLuc Vector Kit. The pNFκB-MetLuc Vector Kit includes two vectors: a pMetLuc2-Control Vector and a pNFκB-MetLuc2-Reporter Vector. The reporter vector is designed to monitor NFκB signal transduction pathways in mammalian cells by quickly sampling the media supernatant. Adding TNF-α, IL-1, or lymphokine receptor stimulants to the cell culture medium induces the binding of transcription factors to the enhancer element, thereby initiating transcription of the secreted *Metridia* luciferase reporter gene. Detecting promoter activity is made simple with the Ready-To-Glow Secreted Luciferase Reporter Assay, which has been optimized for use with the pNFκB-MetLuc Vector Kit. A one-step reaction allows monitoring of promoter activation by detecting the activity of the secreted reporter enzyme in the supernatant of transfected cells, without the need for cell lysis.

PACKAGE CONTENTS

Cat. No. 631743 (100 reactions)

- Ready-To-Glow™ Secreted Luciferase Reporter Assay (100 rxns)
(Cat. No. 631726)
- Ready-To-Glow™ Secreted Luciferase pNFκB-MetLuc Vector Kit
(Cat. No. 631742; not sold separately)



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