



Certificate of Analysis

PRODUCT: *TransDetect*[™] Double-Luciferase Reporter Assay Kit

CAT. NO.
FR201

AMOUNT
50 rxns/ 200 rxns

LOT NUMBER
Q30920

SHELF LIFE
Specified on product label.

STORAGE CONDITIONS
Store at -20 °C in dark

SHIPPING CONDITIONS
Dry ice (-70 °C)

DESCRIPTION

TransDetect[™] Double-Luciferase Reporter Assay Kit provides an efficient means of performing dual-reporter assays. In the assay, the activities of firefly (*photinus pyralis*) and renilla (sea pansy) luciferases are measured sequentially from a single sample. The firefly luciferase reporter is measured first by adding Luciferase Reaction Reagent to generate a stable luminescent signal. After quantifying the firefly luminescence, this reaction is quenched, and the renilla luciferase reaction is simultaneously initiated by adding Luciferase Reaction Reagent II to the same tube.

PACKAGE CONTENTS

Component	FR201-01 (50 rxns)	FR201-02 (200 rxns)
Luciferase Reaction Buffer	5 ml	20 ml
Luciferase Reaction Substrate (Lyophilized)	1 vial	4 vials
Luciferase Reaction Buffer II	5 ml	20 ml
Luciferase Reaction Substrate II (50×)	100 µl	400 µl
Cell Lysis Buffer (5×)	5 ml	20 ml

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QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	Each liquid component was clear without precipitates or floccules. The color of components in this batch showed no significant difference from control batch.	Meets standards
Fluorescence detection	<ol style="list-style-type: none">1. Biological fluorescence of reporter gene can be effectively detected.2. Fluorescence detection with this batch of product showed consistent or higher sensitivity compared with that of control batch.	Meets standards



Notice to Purchaser

All products are for research use only. Caution: Not intended for human or animal diagnostic or therapeutic uses. If you have any further questions about this Certificate of Analysis, please contact us at +86-10-57815027 or +86-400-898-0321.

TransGen Biotech 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 prior written approval of TransGen Biotech, Inc.

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A handwritten signature in black ink that reads "Heng Zheng".

Manager, Quality Control Department

18/10/2022