CREATIVE BIOMART®
Assay Kit

Renilla Luciferase Assay Kit

Product Information

Product Overview

Reporter gene detection is a standard method for studying eukaryotic gene expression regulation, with bioluminescence assays being the most widely used. Luciferase catalyzes the conversion of luciferin substrates and emits light.
This product provides a rapid, sensitive, and stable detection method for Renilla luciferase reporter gene expression in mammalian cells. Cell lysis can be completed within 10–15 minutes. Reagents are easy to prepare, and the assay procedure is straightforward.

Size

50t

Storage

Store at –20 °C.

Technical Notes

Briefly centrifuge before use.
Since temperature affects enzyme reactions, both samples and reagents should reach room temperature prior to measurement.
The maximum emission wavelength of Renilla luciferase is 480 nm. White opaque plates are recommended to prevent well-to-well interference.
Wear appropriate protective clothing and disposable gloves during operation.

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