CREATIVE BIOMART®
Assay Kit

Gaussia Luciferase Receptor Gene Assay Kit

Product Information

Cat.No. Kit-0357

Product Overview

Gaussia Luciferase Receptor Gene Assay Kit is a luminogenic assay for the quantification of luciferase activity in cell medium.

Description

The most versatile reporter gene is the firefly luciferase. Recently there is steadily increasing use of other luciferases, such as Gaussia luciferase since these reporters are smaller and do not require the presence of ATP. The bioluminescent enzyme derived from the marine copepod Gaussia prince is efficiently secreted from mammalian cells upon expression. Gaussia luciferase is a 20 kDa protein which catalyzes coelenterazine oxidation by oxygen to produce light.

Applications

Gaussia Luciferase Receptor Gene Assay Kit use a proprietary luminogenic formulation to quantify luciferase activity in cell medium.

Usage

For research use only (RUO)

Storage

Store the kit at -20°C and avoid from light.

Kit Components

Component A: Luciferase Substrate (Light-sensitive) 1 vialComponent B: Reaction Buffer 50 μlComponent C: Assay Buffer 5 ml

Detection method Luminescence

Compatible Sample Types

Adherent cells, Non-adherent cells

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