

Gaussia Luciferase Receptor Gene Assay Kit

Cat. No. Kit-0357 Lot. No. (See product label)

SPECIFICATION

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 vial Component B: Reaction Buffer 50 µl Component C: Assay Buffer 5 ml
Detection method	Luminescence
Compatible Sample Types	Adherent cells, Non-adherent cells

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