



Luciferase Activity Test for Luc Gene

from Different Species

Product Description

Product Name pLenti-II-Gluc-IRES-EGFP (Gaussia princeps) Vector
 Cat Number LV010080

Product Name LUCIFERASE (RENILLA RENIFORMIS) Lentiviral Vector (Renilla reniformis.) (CMV)
 Cat Number LV010079

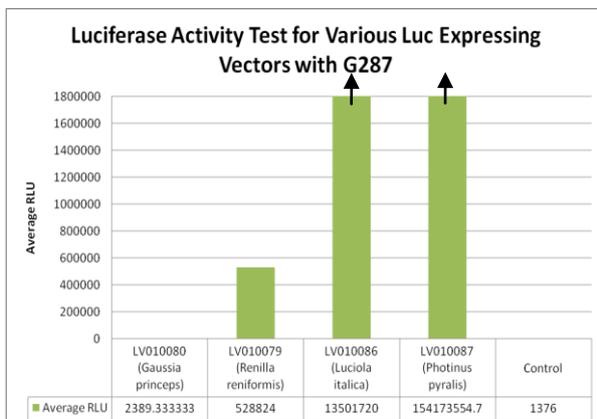
Product Name Luciferase (red) Lentiviral Vector (Luciola Italica) (CMV) (pLenti-II-CMV-Luc-IRES-GFP)
 Cat Number LV010086

Product Name Luciferase (Luc2) Lentiviral Vector (Photinus pyralis) (UbC) (pLenti-III-UbC-Luciferase)
 Cat Number LV010087

Specifications

	Test Method	Results
Luciferase Gene Expression	Luciferase Assay	See Below

Luciferase Assay Results (Kit Cat. G287)



293T cells were transfected with 2 µg of DNA vectors carrying the Luc gene from various species using DNAfectin™ (abm, G2100). 24 hours post-transfection, the transfected cells were subjected to luciferase analysis using the G287 kit.

The G287 kit is designed to detect Luc expression from *Photinus pyralis* hence the expression is very strong in readings. G287 Luciferase Assay Kit strongly detects *Photinus pyralis*, and can also detect *Luciola italica* and *Renilla reniformis*, but cannot detect *Gaussia princeps* Luc gene activity. Negative control (“Control”) is 293T cells.

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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