



DB126: Luciferase (FL10)

Background:

Photinus pyralis (Firefly) luciferase is a 62 kDa molecular weight enzyme which catalyzes a light-emitting reaction. Gene expression in transfected eukaryotic or prokaryotic cells is generally studied by linking a promoter sequence to an easily detectable “reporter” gene such as that encoding for firefly luciferase. The luciferase gene of the North American firefly Photinus pyralis is one of the most versatile reporter genes.

Origin:

Luciferase (FL10) is provided as an IgY (IgG) fraction from hyperimmune chicken egg yolk raised against purified luciferase derived from Photinus pyralis (firefly).

Product Details:

Each vial contains 2 mg/ml chicken polyclonal IgY (IgG) in 1 ml PBS containing 0.1 % sodium azide.

Specificity:

Luciferase (FL10) DB126 reacts with fusion proteins containing luciferase.

Use:

Luciferase (FL10) DB126 is recommended for use by Western blotting and ELISA. The suggested western blotting starting dilution is at 1:400.

Storage:

Store this product at 4° C, do not freeze. The product is stable for one year from the date of shipment.