CREATIVE BIOMART®
Assay Kit

Beta-Galactosidase Staining Kit

Product Information

Cat.No. Kit-0856

Product Overview

Beta-Galactosidase Staining Kit is used for testing the efficiency of expression vector mediated gene transfer and the regulation of promoters of genes.

Description

The LacZ gene from E. coli is one of the most commonly used reporter genes for testing the efficiency of expression vector mediated gene transfer and for studying the regulation of promoters of genes. The LacZ gene encodes the enzyme β-galactosidase, which is very stable, resistant to proteolytic degradation, can utilize a variety of substrates and can be easily assayed in situ. The β-Galactosidase staining kit utilizes X-gal as the substrate.

Usage

For research use only (RUO)

Storage

Store kit at 4°C or -20°C, protected from light. Store reconstituted X-gal in -20°C. All components supplied are stable for 1 year.

Kit Components

Fixative Solution (1X). Cap code: NM. 125 mlX-Gal (150 mg, lyophilized). Cap code: green. 1 vialStaining Solution (1X). Cap code: WM. 125 mlStaining Supplement (100X). Cap code: red. 1.5 ml

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