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Datasheet for ABIN5662584

## FluoroStain™ DNA Fluorescent Staining Dye (Green, 10,000X)

### 3 Images

#### Overview

Quantity:	500 µL
Application:	Agarose Gel Electrophoresis (AGE), Staining Methods (StM)

#### Product Details

Purpose:	DNA Fluorescent Loading Dye
Brand:	FluoroStain™
Characteristics:	<ul style="list-style-type: none"><li>- Excellent for post staining</li><li>- Sensitivity: 0.04 ng DNA</li><li>- A safe alternative to EtBr</li><li>- Compatibility: suitable for blue or UV light</li><li>- Increased cloning efficiency (blue light)</li></ul>
Components:	FluoroStain™ DNA Fluorescent Staining Dye (Green, 10,000X)

#### Application Details

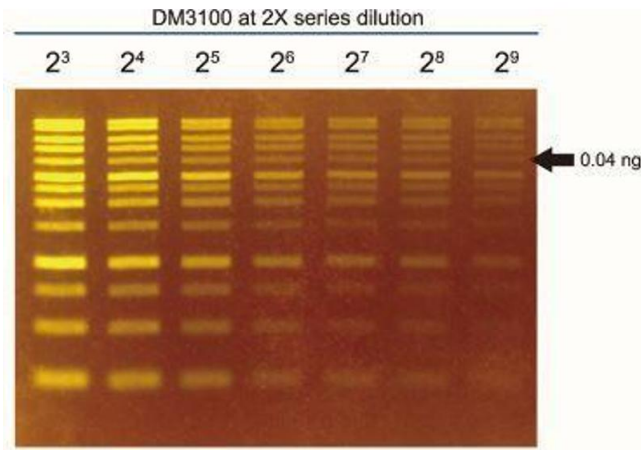
Application Notes:	Post stain
Restrictions:	For Research Use only

#### Handling

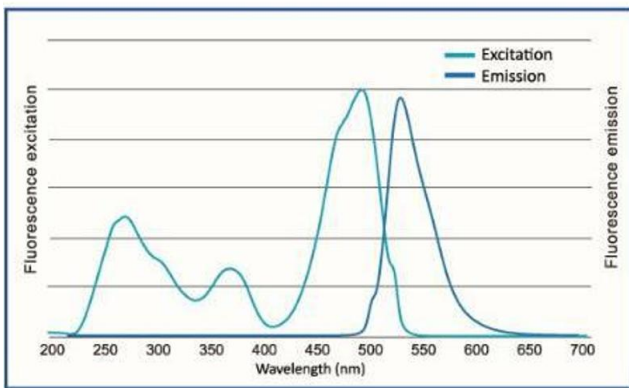
Format:	Liquid
Handling Advice:	Protected from light
Storage:	4 °C,-20 °C

Storage Comment: 4°C for 12 months, -20°C for 24 months

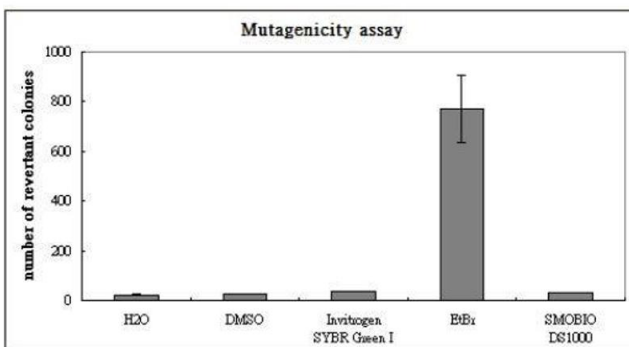
Images



**Image 1.** Fig.1. FluoroStain DNA Fluorescent Staining Dye (Green, 10,000x) exhibits extreme sensitivity in detecting dsDNA.



**Image 2.** Fig.2. FluoroStain DNA Fluorescent Staining Dye (Green, 10,000x), emission as bound to dsDNA is 522 nm while its excitation peaks are at 270, 370 and 497 nm.



**Image 3.** Fig.3. DNA staining dye shows no mutagenic activity in the Ames test.