

Datasheet for ABIN5662582

FluoroDye™ DNA Fluorescent Loading Dye (Green, 6X)[Go to Product page](#)**2** Images

Overview

Quantity:	1 mL
Application:	Agarose Gel Electrophoresis (AGE), Staining Methods (StM)

Product Details

Purpose:	DNA Fluorescent Loading Dye
Brand:	FluoroDye™
Characteristics:	<ul style="list-style-type: none">- The FluoroDye DNA Fluorescent Loading Dye is a ready-to-use 6x DNA loading dye designed for fast qualitative electrophoresis analysis.- Containing sensitive fluorescent dye with high specific affinity towards double stranded DNA (dsDNA), the FluoroDye Fluorescent DNA Loading Dye has negligible background and renders destaining process unnecessary.- FluoroDye DNA Fluorescent Loading Dye is compatible with both the conventional UV gel-illuminating system as well as the less harmful long wavelength blue light illumination system.
Components:	FluoroDye™ DNA Fluorescent Loading Dye (Green, 6X)

Application Details

Application Notes:	Premix with DNA sample
Restrictions:	For Research Use only

Handling

Format:	Liquid
Handling Advice:	Protected from light

Handling

Storage: -20 °C

Storage Comment: -20°C for 24 months

Images

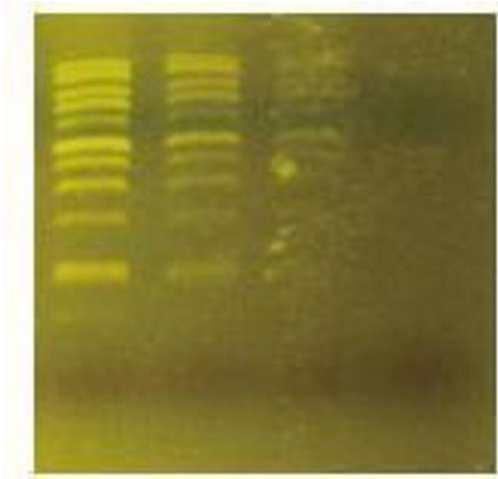


Image 1. Fig. 2. The FluoroDye DNA Fluorescent Loading Dye is capable of detecting dsDNA fragments down to 0.3 ng in DNA markers (ABIN5662596) in 2× serial dilution.

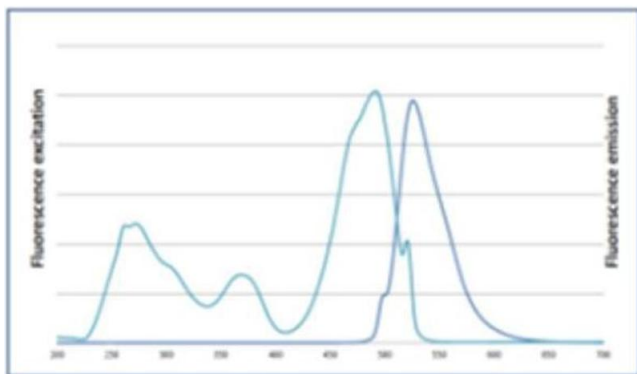


Image 2. Fig. 1. FluoroDye Fluorescent Loading Dye (Green 6×) emission as bound to dsDNA is 522 nm while its excitation peaks are at 270, 370 and 497 nm.