



33902

## SafeDye 100bp Ladder

Part E

### Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Blue
A260/A280	1.7~1.9
Concentration	~100ng/μl
Stability	No obvious degradation was seen after incubation at 37°C for 1 week. Well-defined bands are formed during agarose gel electrophoresis.

### Other Information

Description

The SafeDye 100bp ladder are ideal for determining the size of double-stranded DNA from 100 to 1500 base pairs. The ladder consists of 11 linear double-stranded fragments. The 500bp fragment is present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 mcl loading, all fragments except 500bp are 40ng. The 500bp fragment is 100ng. BioLit™ SafeDye emits green fluorescence when bound to dsDNA, ssDNA and RNA. This stain has a fluorescence excitation maxima when bound to nucleic acid at approx. 290-320nm and emits at 490nm. This dye replaces Ethidium Bromide (toxic, potential mutagen) for visualisation of DNA or RNA in Agarose gel.

- SafeDye 100bp Ladder - 50 mcg
- SafeDye Stain - 250 mcl

Includes

### General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
50 mcg	38229090 (GST 12%)

#### Disclaimer

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