



29877

## SafeDye 1kb Ladder Plus

Part E

### Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Blue
A260/A280	1.7~1.9
Concentration	130-150ng/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 1kb ladder plus is ideal for determining the size of double-stranded DNA from 100 to 10,000 base pairs. The ladder consists of 15 linear double-stranded fragments. The 500bp and 3,000bp fragment are present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. 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.

Includes

- SafeDye 1Kb Ladder Plus - 50 mcg
- SafeDye Stain - 250 mcl

### 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%)

### Available Packages

#### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com