

# 1 Kb DNA Ladder

*For research use only*

## Catalogue Number

IB01350 (25µl), IB01351 (500µl)



## Introduction

The 1 Kb DNA Ladder, containing 13 linear double-stranded DNA fragments, is suitable for sizing double-stranded DNA from 250 bp to 10,000 bp. The 1 Kb DNA Ladder is a unique combination of a number of proprietary plasmids digested with appropriate restriction enzymes and PCR products to yield 13 fragments, suitable for use as molecular weight standards for electrophoresis. The enhanced intensity of the 1 kb and the 3 kb fragments was designed to ensure quick and easy determination of electrophoresis results

## Advantages

- Ready to use (Pre-mixed with loading dye)
- Concentrated for direct use - No Dilution required
- Excellent resolution especially when used on 1.2% - 1.5% agarose gel
- Wide Range: 250 bp to 10,000 bp
- Enhanced intensity of the 1 kb and 3 kb fragment
- Number of bands: 13
- Quantity: 50 µg/500 µl
- Recommended loading: 0.5 µg (5 µl)
- Tracking dyes: bromophenol blue, xylene cyanol FF
- Storage: 25°C (6 months), 4°C (12 months), -20°C (24 months)

## Components

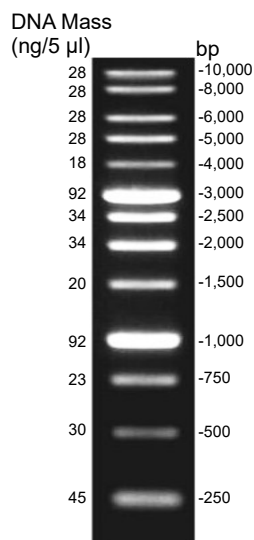
- 1 Kb DNA Ladder (50 µg, 100 µg/ml, pre-mixed loading dye, ready-to-use)
- 6X DNA loading dye for sample loading

## Caution

During operation, always wear a lab coat, disposable gloves, protective goggles and (anti-fog) procedure mask.

## Related Products

DNA Ladders		
Product	Package Size	Catalogue Number
100 bp DNA Ladder	25 µl, 500 µl	IB01300 (25µl), IB01301 (500µl)
1 Kb DNA Ladder	25 µl, 500 µl	IB01350 (25µl), IB01351 (500µl)



1% TAE Agarose Gel