

100 bp DNA Ladder

For research use only

Catalogue Number

IB01300 (25µl), IB01301 (500µl)



Introduction

The 100 bp DNA Ladder, containing 12 linear double-stranded DNA fragments, is suitable for sizing double-stranded DNA from 100 bp to 3,000 bp. The 100 bp DNA Ladder is a unique combination of a number of proprietary plasmids digested with appropriate restriction enzymes and PCR products to yield 12 fragments, suitable for use as molecular weight standards for electrophoresis. The enhanced intensity of the 500 bp fragment was designed for 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: 100 bp to 3,000 bp
- Enhanced intensity of the 500 bp fragment
- Number of bands: 12
- 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

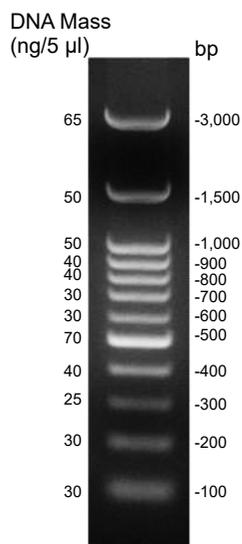
- 100 bp DNA Ladder (50 µg, 100 µg/ml, pre-mixed loading dye, ready-to-use)
- 6X DNA loading dye for sample loading

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)



1.5% TAE Agarose Gel