

50 bp DNA Ladder



For research use only

Catalogue Number

DL008, DL008S

Introduction

The 50 bp DNA Ladder, containing 17 linear double-stranded DNA fragments, is suitable for sizing double-stranded DNA from 50 bp to 1,500 bp. The 50 bp DNA Ladder is a unique combination of a number of proprietary plasmids digested with appropriate restriction enzymes and PCR products to yield 17 fragments, suitable for use as molecular weight standards for electrophoresis. The enhanced intensity of the 200 bp, 500 bp and 1,200 bp fragments was designed for quick and easy determination of electrophoresis results.

Advantages

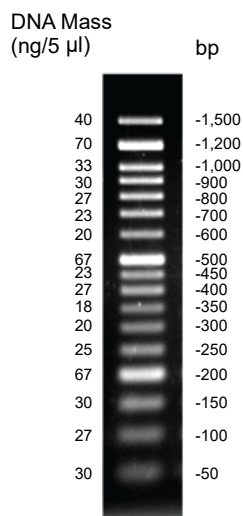
- Range: 50-1,500 bp
- Number of bands: 17
- Quantity: 56 µg/500 µl
- Recommended loading: 0.56 µg (5 µl)
- Tracking dyes: Orange G
- Storage: 25°C (6 months), 4°C (12 months), -20°C (24 months)

Components

- 50 bp DNA Ladder (56 µg, 112 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.



2% TAE Agarose Gel