

100 bp DNA Ladder



For research use only

Catalogue Number
DL007

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

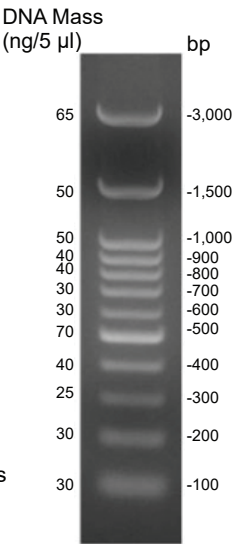
- Range: 100-3,000 bp
- Number of bands: 12
- Quantity: 50 µg/500 µl
- Recommended loading: 0.5 µg (5 µl)
- Tracking dyes: bromophenol blue, xylene cyanol FF
- Storage: 25°C (6 months), 4°C (12 months), -20°C (24 months)

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.



1.5% TAE Agarose Gel

Related Products

DNA Ladders		
Product	Package Size	Catalogue Number
100 bp DNA Ladder	50 µg, 500 µl	DL007
1 Kb DNA Ladder	50 µg, 500 µl	DL006
Loading Dye (6X)	10/100 ml	LD010/100
50 bp DNA Ladder	56 µg, 500 µl	DL008

Genomic DNA Extraction and Purification		
Product	Package Size	Catalogue Number
Genomic DNA Mini Kit (Blood/Cultured Cell)	100/300 preps	GB100/300
Genomic DNA Mini Kit (Tissue)	50/100/300 preps	GT050/100/300
gSYNC™ DNA Extraction Kit	50/100/300 preps	GS050/100/300
Genomic DNA Mini Kit (Plant)	100 preps	GP100
Presto™ Mini gDNA Yeast Kit	100/300 preps	GBY100/300
Presto™ Mini gDNA Bacteria Kit	100/300 preps	GBB100/101/300/301