

## 100 bp PLUS™ DNA Ladder

[Cat. No. D003](#)

### Description

A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 12 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-3,000 base pairs. The 500 and 1,500 base pair bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.5 µg per 5 µl) for approximating the mass of DNA in comparably intense samples of similar size.

### Source

PCR products and double-stranded DNA digested with appropriate restriction enzymes, are phenol extracted and equilibrated to 10mM Tris-HCl (pH 8.0) and 1mM EDTA.

**Range:** 100-3,000 bp

**Number of bands:** 12

**Concentration:** 108 µg/ml

**Package:** 54 µg/500 µl

**Recommended Load:** 5 µl / well

Containing Orange G & xylene cyanol FF as tracking dyes.

### Storage

Store at 25°C for 6 months

Store at -20°C for 24 months

