

## 100 bp DNA Ladder

Cat. #: M0042 Size: 500 µl

### Introduction

A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 11 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-1,500 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 a load) for approximating the mass of DNA in comparably intense samples of similar size.

### Storage

Store at -20°C for 24 months.

### Source

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

### Composition

100 bp, 200 bp, 300 bp, 400 bp, 500 bp, 600 bp, 700 bp, 800 bp, 900 bp, 1000 bp, 1500 bp.

