

## PRODUCT INFORMATION

### SERVA FastLoad 50 bp DNA Ladder

Cat. no. 39315

#### PRODUCT DESCRIPTION

An unique combination of PCR products and a number of proprietary plasmids digested with appropriate enzymes to yield 17 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The molecular weight of the ladder ranges from 50 – 1,500 bp. The 4 band at 500, 1,000, 1,200, and 1,500 base pairs have specifically increased in intensity to serve as reference points. The approx. mass of DNA in each band is provided for approximating the mass of DNA in comparably intense samples of similar size.

**Application** Agarose gel electrophoresis

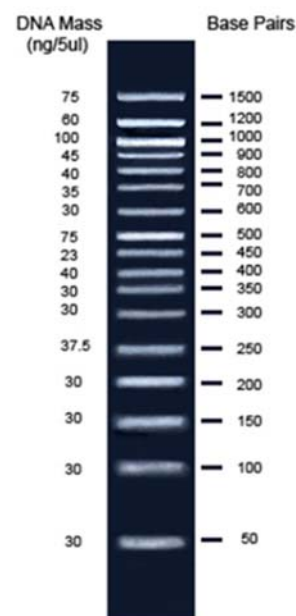
#### Features

- Number of bands: 17
- MW range: 50 – 1,500 bp
- Ready to use
- 500, 1,000, 1,200 and 1,500 bp bands: increased intensity to serve as reference points
- Contains bromophenol blue and xylene cyanol FF as tracking dye

**Storage** -20 °C, please aliquot in a small volume for prevention of repeated freezing & thawing.

**Important** At 4 °C stable for 12 months.

**Usage information** Recommended loading volume: 5 µl/well



2 % TAE agarose gel