

Biomol 100bp DNA Ladder 2, ready-to-use

Catalog No: 10003
Lot No: XXXXX
Supplied as: 500 µl
Stability: store at 4°C for 12 months
 or at -20°C for 24 months

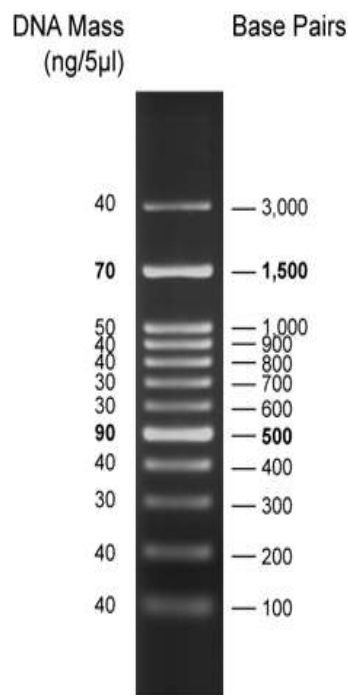
Background

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 (0.54 µg a load) 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 10 mM Tris-HCl (pH 8.0) and 10 mM EDTA.

Range: 100 - 3,000 bp
Number of bands: 12
Concentration: 108 µg/ml
Recommended load: 5 µl/well
Tracking dye: Orange G
 Xylene Cyanol FF



1.5 % TAE agarose gel

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.