100bp DNA Ladder RTU

Cat. No.: SD001-R500 Size: 50 µg / 500 µl
Cat. No.: SD001-R025 Size: 2.5 µg / 25 µl

Description

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.

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.

Range: 100-1,500 base pairs

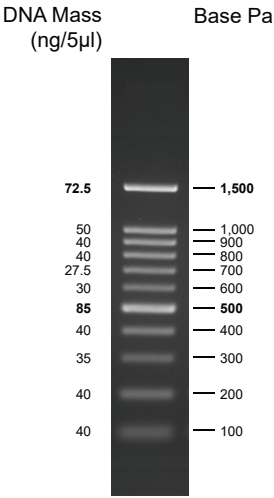
Number of Bands: 11

Concentration: 100 µg / ml

Recommended Load: 5 µl / well
Containing orange G & xylene cyanol FF as tracking dyes.

Storage

Store at 25°C for 6 months
Store at 4°C for 12months
Store at -20°C for 24 months



1.7 % TAE agarose gel

All products are for research use only.
Caution: Not intended for human or animal diagnostic or therapeutic uses.