

100 bp DNA Ladder (Ready-to-Use)

For research use only

Cat No.YT8503 Size: 50µg / 500µl

Description

An exclusive mixture of PCR products and a number of proprietary plasmids processed with suitable restriction enzymes to yield 11 fragments, appropriate for use as molecular weight standards for agarose gel electrophoresis. The DNA contains 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 estimated 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 bp

Number of bands: 11

Concentration: 100 µg/ml

Package: 50ug/500ul

Recommended Load: 5 µl / well Containing orange G

& xylene cyanol FF as tracking dyes.

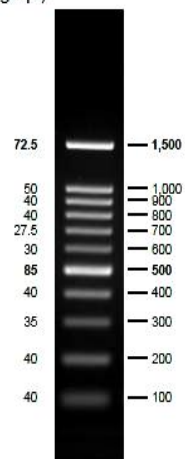
Store at 25 °C for 6 months

Store at 4° C for 12 months

Store at -20 °C for 24 months

DNA Mass
(ng/5µl)

Base Pairs



1.7 % TAE agarose gel