



**NIPPON Genetics
EUROPE GmbH**

FastGene® 100bp DNA Ladder PLUS

Cat. No. MWD100P

Size: 50 µg / 500 µl

Description

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 (0.5 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: 100-3,000 bp

Number of bands: 12

Concentration: 110 µg / ml

Package: 50 µg / 500 µl

Recommended Load: 5 µl / well

Contains Orange G & Xylene cyanol FF as a tracking dye.

Storage

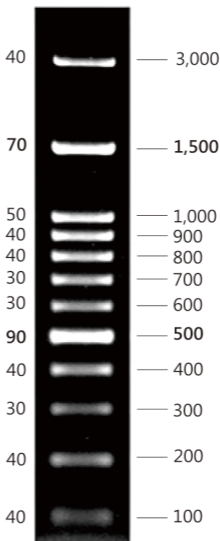
Store at 4°C for 12 months

Store at -20°C for 24 months



DNA Mass
(ng/5 μ l)

Base Pairs



1.5% TAE agarose gel

www.nippongenetics.eu
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