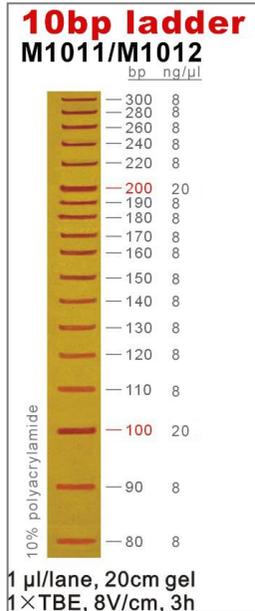


10bp Ladder



Product Name

10bp Ladder

Cat. No./Spec.

M1011/50 μg, M1012/50 μg×5

Description

10bp Ladder is an ideal DNA Ladder for determining the size of double-stranded DNA (dsDNA) from 80 to 300 base pairs (bp) in high percentage agarose or non-denaturing polyacrylamide gels. The ladder consists of 18 linear dsDNA fragments. It is a 10 bp step ladder, especially useful for determining 10 bp differences between DNA fragments. The **100bp** and **200bp** fragments are present at increased intensity to allow easy identification. All fragments are precisely

quantified and mixed during the production. This ladder is pre-mixed with loading dye and is ready to use.

Recommended Amount

1 μl/Lane in non-denaturing polyacrylamide gel

3-5 μl/Lane in agarose gel

Recommended Electrophoresis Condition

1 μl/Lane, 20 cm 10% non-denaturing Polyacrylamide Gel, 1xTBE, 8 V/cm, 3h.

Bands (bp)

80、90、**100**、110、120、130、140、150、160、170、180、190、**200**、220、240、260、280、300.

Concentration

Total concentration, 168 ng/μl

Typical bands, 20 ng/μl

Other bands, 8 ng/μl

Storage Condition

Stable for 3 months at RT, for long-time storage, please store at -20°C.