

# 10bp Ladder

**Cat. No. M1011 (50μg)/M1012 (50μg×5)**

**Concentration: 168ng/μl**

## Description

10bp ladder is ideal for determining the size of double-stranded DNA from 80 to 300 base pairs in high percentage agarose or non-denaturing polyacrylamide gels. The ladder consists of 18 linear double-stranded 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. For 1 μl loading, all fragments except 100bp and 200bp are 8ng, the 100bp and 200bp fragments are 20ng. This ladder is pre-mixed with loading dye and is ready to use.

## Recommended Loading

1 μl/Lane in non-denaturing polyacrylamide gel

3-5 μl/Lane in agarose gel

## Concentration

Typical Bands, 20ng/μl

Other Bands, 8ng/μl

## Recommended Electrophoresis Condition

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

## Contents (bp)

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

## Storage

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

