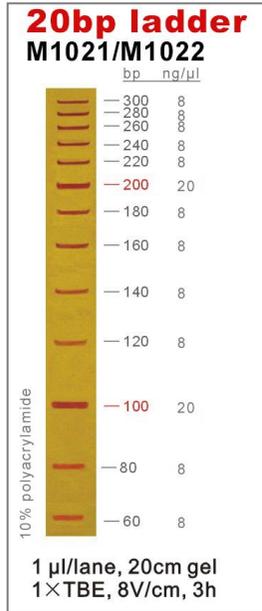


20bp Ladder



Product Name

20bp Ladder

Cat. No./Spec.

M1021/50 μg, M1022/50 μg×5

Description

20bp Ladder is an ideal DNA Ladder for determining the size of double-stranded DNA (dsDNA) from 60 to 300 base pairs (bp) in high percentage agarose or non-denaturing polyacrylamide gels. The ladder consists of 13 linear dsDNA fragments. It is a 20 bp step ladder, especially useful for determining 20 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, 1×TBE, 8 V/cm, 3h.

Bands (bp)

60、80、**100**、120、140、160、180、**200**、220、240、260、280、300.

Concentration

Total concentration, 128 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.