

20bp Ladder

Cat. No. M1021 (50μg)/M1022 (50μg×5)

Concentration: 128ng/μl

Description

20bp ladder is ideal for determining the size of double-stranded DNA from 60 to 300 base pairs in high percentage agarose or non-denaturing polyacrylamide gels. The ladder consists of 13 linear double-stranded 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. 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)

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

Storage

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

