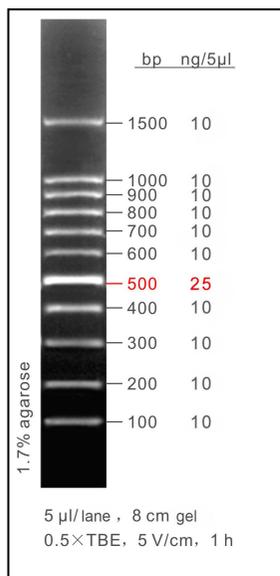


## LD 100bp ladder

LM1061 (60 preps)/LM1062 (60 preps×3)

**Concentration: 25ng/µl****Recommended Loading**

5 µl/Lane.

**Concentration**

Typical Bands 25 ng/5µl

Other Bands 10 ng/5µl

**Recommended Electrophoresis****Condition**

5 µl/Lane, 8 cm 1.7% Agarose Gel, 0.5×TBE, 7V/cm, 1h.

**Contents (bp)**100、200、300、400、**500**、600、700、800、900、1,000、1,500**Storage**

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

**Description**

LD 100bp ladder is ideal for determining the size of double-stranded DNA from 100 to 1500 base pairs. The ladder consists of 11 linear double-stranded fragments. The **500bp** fragment is present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 ul loading, all fragments except 500bp are 10ng. The 500bp fragment is 25ng. This ladder is pre-mixed with loading dye and is ready to use.

**LD DNA Marker is suitable for pairing with non-toxic nucleic acid dyes when pre-staining the gel.**

**Recommendations**

Do not heat before loading.

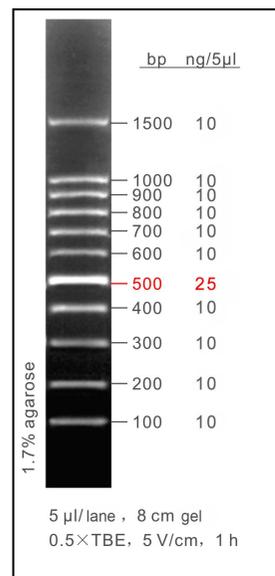
For quantification, adjust the concentration of the sample to equalize.

It approximately with the amount of DNA in the nearest band of the ladder.

Visualize DNA by staining with novel non-toxic nucleic acid stain, such as GelRed, GelGreen.

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