



# 1 kb DNA ladder, LD, 50-10000bp

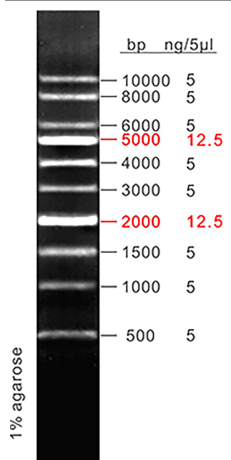
Cat# NA-M006

store at at 4°C

## INFORMATION

Size	50µg/50ugx5
Recommended Loading	3-5 µl/lane
Concentration	Typical Bands 12.5 ng/5µl Other Bands 5 ng/5µl
Recommended Electrophoresis Condition	5 µl/Lane, 8 cm 1% Agarose Gel, 1×TAE, 7 V/cm, 45min.
Contents (bp)	500、1,000、1,500、2,000、3,000、4,000、5,000、6,000、8,000、10,000.
Storage	Store at 4°C for 2 years
Description	LD 1kb ladder is ideal for determining the size of double-stranded DNA from 500 to 10,000 base pairs. The ladder consists of 10 linear double-stranded fragments. The 2,000bp and 5,000bp fragments are 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 2,000bp and 5,000bp are 5ng. The 2,000bp and 5,000bp fragments are 12.5ng. 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.

## PRODUCT USE LIMITATION



5 µl/lane , 8 cm gel  
1×TAE, 7 V/cm, 45 min