



# 1 kb DNA ladder, 50-10000bp

Cat# NA-M005

store at at -20 °C

## INFORMATION

Size	50µg/50ugx5
Recommended Loading	3-5 µl/lane
Concentration	Typical Bands 100ng/5µl Other Bands 40ng/5µl
Recommended Electrophoresis Condition	5 µl/lane, 8cm 1% Agarose Gel, 1×TAE,7V/cm, 45min.
Contents (bp)	500、1,000、1,500、2,000、3,000、4,000、5,000、6,000、8,000、10,000.
Storage	Stable for 3 months at RT, for long-time storage, please store at -20°C
Description	1 kb 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 2,000 bp and 5,000 bp are 40ng. The 2,000 bp and 5,000 bp fragments are 100ng. This ladder is pre-mixed with loading dye and is ready to use.
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.

## PRODUCT USE LIMITATION

