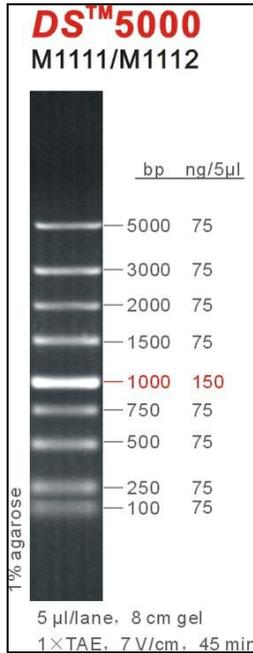


## DS™5000



### Product Name

DS™5000

### Cat. No./Spec.

M1111/50  $\mu$ g, M1112/50  $\mu$ g $\times$ 5

### Description

DS™5000 is an ideal DNA Marker for determining the size of double-stranded DNA (dsDNA) from 100 to 5000 base pairs (bp). The ladder consists of 9 linear dsDNA fragments. The **1,000bp** fragment is 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

2-5  $\mu$ l/lane

### Recommended Electrophoresis Condition

5  $\mu$ l/lane, 8cm 1% Agarose Gel, 1 $\times$ TAE, 7V/cm, 45min.

### Bands (bp)

100、250、500、750、**1,000**、1,500、2,000、3,000、5,000.

### Concentration

Total concentration, 150 ng/ $\mu$ l

Typical bands, 150 ng/5 $\mu$ l

Other bands, 75 ng/5 $\mu$ l

### Storage Condition

Store unopened at room temperature or 4°C for 2 years.