



## 1kb DNA Ladder (Ready-to-Use)

### For research use only

**Cat No:** YT8507

**Size:** 50 µg / 500 µl

#### Description

YTA 1kb ladder is perfect for determining the size of double-stranded DNA from 100 to 10,000 base pairs. The ladder contains of 15 linear double-stranded fragments. The **500bp** and **3,000bp** fragments are present at increased intensity to allow easy identification. All fragments are exactly quantified and mixed during the production. For 5 µl loading, all fragments except 500bp and 3,000bp are 40ng. The 500bp and 3,000bp fragments are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

#### Recommended Loading

2-5 µl/lane

#### Concentration

Typical Bands, 100ng/5µl

Other Bands, 40ng/5µl

#### Recommended Electrophoresis Condition

5 µl/lane, 8 cm 1% Agarose Gel, 1×TAE, 7 V/cm, 45min.

#### Contents (bp)

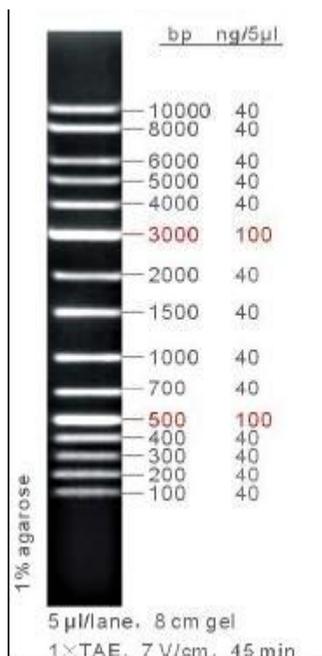
100, 200, 300, 400, **500**, 700, 1,000,  
1,500, 2,000, **3,000**, 4,000, 5,000, 6,000,  
8,000, 10,000.

#### Storage

Store at 25° C for 6 months

Store at 4 °C for 12 months

Store at -20 °C for 24 months



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