

# D2000 Plus DNA Ladder

**Catalog:** RM19004

**Size:** 500  $\mu$ L / 5\*500  $\mu$ L

## Description

The D2000 Plus DNA Ladder is a ready-to-use DNA ladder, which is pre-mixed with loading dye for direct gel loading. This ladder consists of 8 individual DNA fragments: 100, 250, 500, **750**, 1000, 2000, 3000, 5000 bp, derived from a mixture of PCR products and specifically digested plasmid DNA. The 750bp fragment is present at increased intensity for easy identification (concentration of 100ng/5 $\mu$ L); all other fragments appear with equal intensity on the gel (concentration of 50ng/5 $\mu$ L).

## Storage

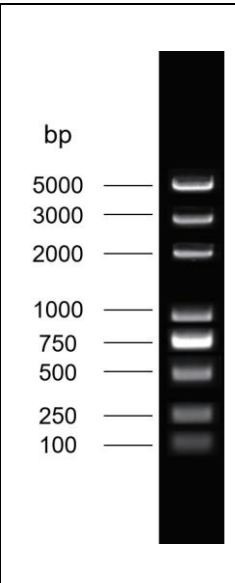
4°C for 6 months; -20°C for long time

## Notice

1. Ready-to-use: premixed with loading dye for direct loading
2. Quick reference: 750 bp (brighter than the other fragments)
3. Loading Volume: 2-5  $\mu$ L / lane
4. Please change the electrophoresis buffer in time, and use freshly prepared agarose gel for electrophoresis to ensure good separation results

## Guide for Molecular Weight

Take 5  $\mu$ L DNA ladder in 1% agarose gel, use a voltage of 8 V/cm, 1 $\times$  TAE Buffer for 30 minutes, and the results are as follows:

Band	Agarose gel	
1	5000	
2	3000	
3	2000	
4	1000	
5	750	
6	500	
7	250	
8	100	