



DL5000 DNA Marker

1. Product Description

1.1 Product description

DL5000 DNA Marker consists of 9 bands, consisting of 100, 250, 500, 750, 1000, 1500, 2000, 3000, and 5000 bp, and is suitable for agarose gel electrophoresis of PCR products or DNA fragments from 100 bp to 5000 bp. Of these, 500 bp is the indicator band, showing bright bands, with a band concentration of about 100 ng/5 μ l, and the rest of the bands all have a concentration of about 50 ng/5 μ l.

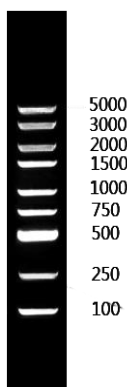


Fig.1. The schematic diagram of **DL5000 DNA Marker**

1.2 Storage Solution

1X Loading Buffer: 10 mM Tris-HCl (pH7.6), 1 mM EDTA, 0.005% bromophenol blue, 10% glycerinum

1.3 Storage

4°C (long-term storage should be placed at -20°C).

1.2 Recommended loading volume

3-5 μ l per well

2. Application method

2.1 Deposition condition

1.5% agarose, loading volume 5 μ l, hole width 6 mm, electrophoresis buffer 1X TBE, 15V/cm.

2.2 Announcement

- DL5000 DNA Marker is a DNA solution containing 1X Loading Buffer, which can be directly loaded during electrophoresis.
- Do not heat at high temperature before use.
- The purity of agarose will affect the clarity of DNA bands, it is recommended to use good quality agarose, the recommended gel concentration of 1.0-2.0%

3. Related Products

Product	Cat. No.	Size
DL5000 DNA Marker	SDM201	500 μ l
	SDM202	200 ml

