



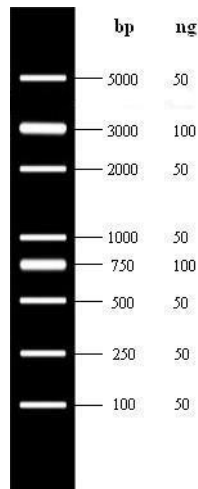
ELK Biotechnology
For research use only.

DL5000 DNA Marker

Catalog No	Specification	Storage/Shelflife
EDL102-01	250 μ l	-20C°/2 years
EDL102-02	500 μ l	-20C°/2 years

Introduction

DL 5000 Ladder DNA Marker is composed of 8 kinds of DNA fragments with a length of 100 bp to 5,000 bp, dissolved in 1 \times Loading Buffer, and can be used for direct electrophoresis of 5-10 μ l during use, which is very convenient to use.



Note

1. When the width of the sample hole during electrophoresis is less than 5 mm, a clear band can be obtained by taking 5 μ l Marker electrophoresis each time. If the sample hole is widened, the sampler volume of Marker must be increased appropriately.
2. If the DNA fragments to be identified are expected to be between 100 and 500 bp, 2.5% to 3% Agarose gel electrophoresis is recommended; if the DNA fragments to be identified are expected to be between 500 and 5000 bp, 1.5 to 2% is recommended Agarose gel electrophoresis.
3. For DNA electrophoresis, the purity of Agarose greatly affects the clarity of DNA bands. Therefore, the best quality Agarose should be used for electrophoresis.
4. When performing Agarose electrophoresis, the concentration of Agarose is closely related to the separation performance of DNA fragments. The greater the concentration of Agarose, the better the separation performance of short DNA; conversely, the smaller the concentration of Agarose, the more favorable for the separation of long DNA.