



## Axygen® DNA Markers

The 100 bp DNA Ladder contains 11 discrete DNA fragments ranging in size from 100 bp to 3,000 bp. This marker is ideal for the size determination of PCR products. Two ready-to-use DNA size markers for gel electrophoresis, the 100 bp Ladder and 1 Kb Ladder represent the two most popular markers used for DNA fragment size determination. These markers are formulated to run accurately and to provide crisp band patterns. The two markers require no additional preparation and contain bromophenol blue for ease of use. Both markers are supplied at a concentration of 50 µg/500 µL (0.1 µg/µL).



The 1 kb DNA Ladder contains 13 discrete DNA fragments ranging in size from 300 bp to 10,000 bp. This marker is ideal for the size determination of digested DNA. Two ready-to-use DNA size markers for gel electrophoresis, the 100 bp Ladder and 1 Kb Ladder represent the two most popular markers used for DNA fragment size determination. These markers are formulated to run accurately and to provide crisp band patterns. For ease of use, the two markers require no additional preparation and contain bromophenol blue dye. Both markers are supplied at a concentration of 50 µg/500 µL (0.1 µg/µL).

- ▶ Ready-to-use
- ▶ Crisp band patterns
- ▶ Includes bromophenol blue dye
- ▶ Stable at room temperature

### Applications

- ▶ Sizing of wide range of DNA fragments

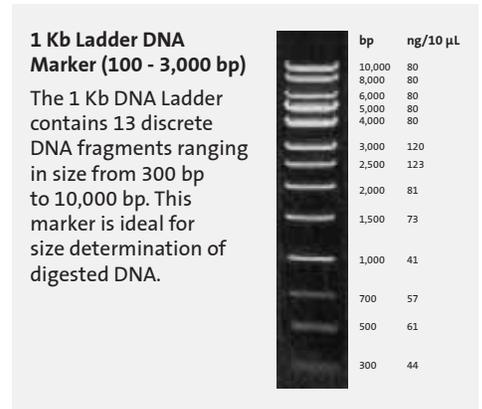
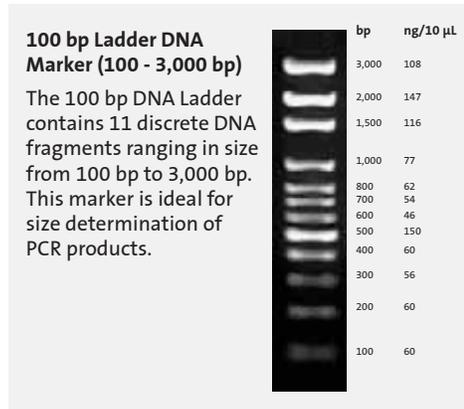
### Specifications

#### 100 bp and 1 Kb Ladders

- ▶ 500 µL per vial
- ▶ 0.1 µg/µL concentration
- ▶ Each vial is sufficient for 100 lanes
- ▶ Ready-to-use
- ▶ Contains bromophenol blue dye

### Quality Control

Each lot is tested under appropriate electrophoresis conditions. The DNA concentration is determined spectrophotometrically and the absence of nucleases is confirmed by appropriate tests. Temperature stability is confirmed by burn-in tests where the DNA marker is subject to storage at 65°C and 95% humidity for 2 weeks.



| Cat. No.    | DNA Markers       | Kit Size |
|-------------|-------------------|----------|
| M-DNA-100BP | 100 bp DNA Ladder | 500 µL   |
| M-DNA-1KB   | 1 kb DNA Ladder   | 500 µL   |



Australian distributors:  
 Fisher Biotec Australia  
 free call: 1800 066 077  
 email: [info@fisherbiotec.com](mailto:info@fisherbiotec.com)  
 web: [www.fisherbiotec.com](http://www.fisherbiotec.com)