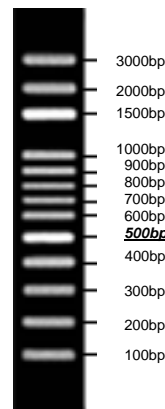


**Catalog No.:** M111

**Product Name:** 100bp Plus DNA Ladder

**Size:** 1000 $\mu$ l

**Description:** 100bp Plus DNA Ladder consists of 13 DNA fragments ranging in size from 100-3000 base pairs (bp). 6 $\mu$ l will yield at least 30ng DNA in any single band. The intensity of the 500bp and 1500bp bands has been increased to serve as a reference for easy identification. This ladder can also be used side by side with the 100bp-50 DNA Ladder (Cat. No. M109) for more accurate estimation of the size of DNA fragments.



**100bp Plus DNA Ladder**  
500ng  
1.5% agarose gel

**Storage:** Store at -20°C.

**Concentration:** 500ng/6 $\mu$ l

**Loading Buffer Composition:**

10mM Tris-HCl  
1mM EDTA (pH 8.0)  
0.02% Bromophenol blue  
0.02% Xylene cyanol  
5% Glycerol

**Usage:** Add at least 6 $\mu$ l 100bp Plus DNA Ladder directly to wells designated for markers. You may need more than 6 $\mu$ l of ladder, depending on well size and level of intensity needed to visualize the bands.

**Related products**

**Catalog No.**

- |                                     |        |
|-------------------------------------|--------|
| • 1Kb DNA Ladder II                 | M108   |
| • 100bp DNA Ladder                  | M107   |
| • Agarose (Standard-Agarose)        | A113   |
| • DNA SafeStain                     | C138   |
| • Ultra Bright LED Transilluminator | SLB-01 |
| • UltraSlim® LED Illuminator        | LB-16  |

*This product is for research use only.*