

**Catalog No.:** M107-5

**Product Name:** 100bp DNA Ladder

**Kit contents:** 100bp DNA Ladder : 5X 1000µl  
6X DNA loading Buffer: 1000µl

**Description:** **100bp DNA Ladder** consists of 11 DNA fragments ranging in size from 100-1500 base pairs (bp). 6µl will yield at least 30ng DNA in any single band. The intensity of the 500bp band 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 your DNA fragments.

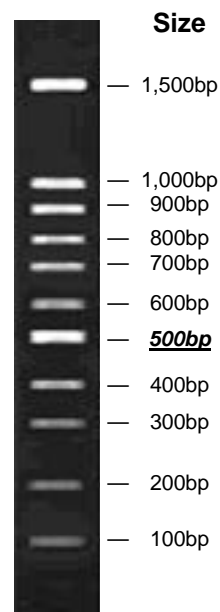
**Storage:** Store at -20°C.

**Concentration:** 500ng/6µl

**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 6µl **100bp DNA Ladder** directly to wells designated for markers. You may need more than 6µl of ladder, depending on well size and level of intensity needed to visualize the bands.



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

**Related products**

**Catalog No.**

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|-------------------------------------|--------|
| • 1Kb DNA Ladder II                 | M108   |
| • 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.*