

## 100bp Ladder

Ref : NB-03-0045 50µg  
NB-03-0046 5 x 50µg

### Description

The 100bp ladder is ideal for determining the size of double-stranded DNA from 100 to 1500 base pairs. The ladder consists of 11 linear double-stranded fragments. The 500bp fragment is present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 µl loading, all fragments except 500bp are 40ng. The 500bp fragment is 100ng. This ladder is pre-mixed with loading dye and is ready to use.

### Recommended Loading

2-5 µl/Lane

### Concentration

Typical Bands 100 ng/5µl  
Other Bands 40 ng/5µl

### Advised Electrophoresis Condition

8 cm, 1.7% Agarose Gel, 0.5×TBE, 5 V/cm, 1 h

### Contents (bp)

100, 200, 300, 400, 500, 600, 700, 800,  
900, 1.000, 1.500

### Mix Concentration

100 ng/µl

### Storage

1 year at room temperature, for long-time preservation, please store at -20°C.

