

## 50bp ladder plus, Ready to use

#Cat: NB-03-0043 Size:50µg

### Description

The 50bp ladder plus is ideal for determining the size of double-stranded DNA from 50 to 1000 base pairs. The ladder consists of 8 linear double-stranded fragments. The 250bp and 500bp fragment are 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 250bp and 500bp are 40ng. The 250bp and 500bp fragment are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

### Recommended Loading

2-5 µl/Lane

### Mix Concentration

128 ng / µl

### Concentration

Typical Bands 100 ng/5µl

Other Bands 40 ng/5µl

### Advised Electrophoresis Condition

8 cm, 3% Agarose Gel, 0.5×TBE, 5 V/cm, 1 h

### Contents (bp)

50

100

150

200

250

300

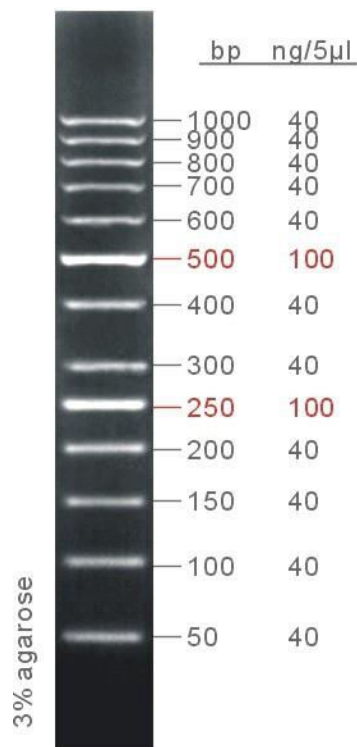
400

500

600

700

800



5 µl/lane, 8 cm gel  
0.5×TBE, 5 V/cm, 1 h

900

1,000

**Storage**

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