

100bp ladder plus, ready to use

Ref : NB-03-0047 50µg
NB-03-0048 5 x 50µg

Description

The 100bp ladder plus is ideal for determining the size of double-stranded DNA from 100 to 3000 base pairs. The ladder consists of 14 linear double-stranded fragments. The 500bp and 1200bp 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 500bp and 1200bp are 40ng. The 500bp and 1200bp fragment are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

Recommended Loading

2-5 µl/Lane

Concentration

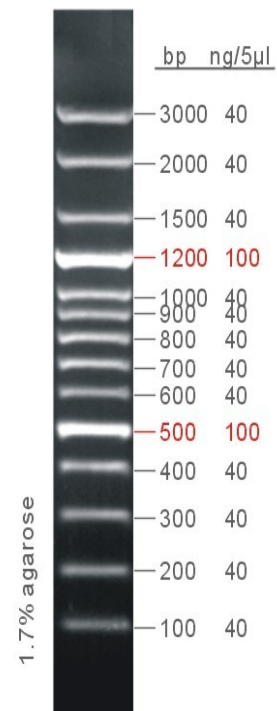
Typical Bands 100 ng/5µl
Other Bands 40 ng/5µl

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
1,200
1,500
2,000
3,000



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

Mix Concentration

136 ng/μl

Storage

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