

500bp ladder, Ready to use

Ref : NB-03-0061 50 µg
NB-03-0062 5x 50 µg

Description

The Neo Biotech 500bp ladder is ideal for determining the size of double-stranded DNA from 500 to 5,000 base pairs. The ladder consists of 10 linear double-stranded fragments. The 2,000bp 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 2,000bp are 40ng. The 2,000bp fragment is 100ng. This ladder is pre-mixed with loading dye and is ready to use.

Mix concentration

92 ng / µl.

Concentration

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

Recommended Loading

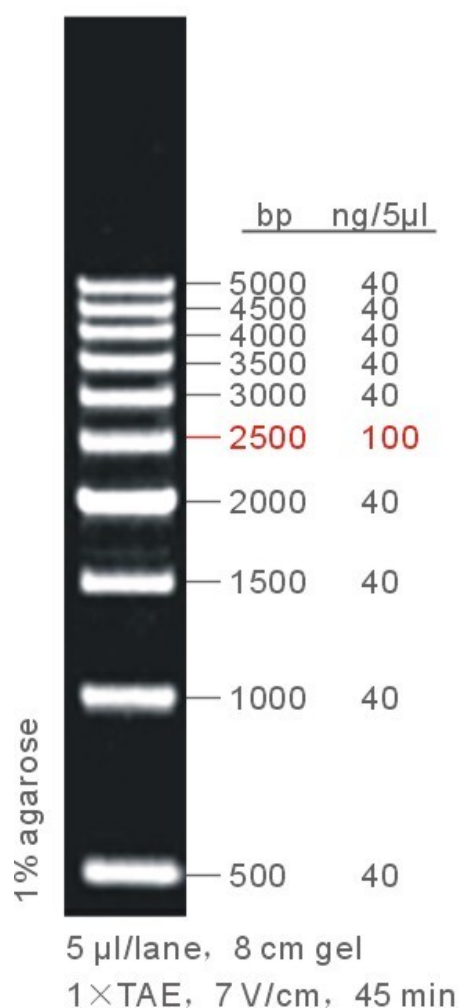
2-5 µl/Lane.

Advised Electrophoresis Conditions

8 cm, 1% Agarose Gel, 0.5×TBE, 7 V/cm, 1 h

Contents (bp)

500
1000
1500
2000
2500
3000
3500
4000
4500
5000



Storage

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