

# Marker1, Ready to use

Ref: NB-03-0075 50 μg NB-03-0076 5x 50 μg

#### **Description**

The Neo Biotech Marker 1 is ideal for determining the size of double-stranded DNA from 100 to 600 base pairs. The ladder consists of 6 linear double-stranded fragments. The 400bp fragment is present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5  $\mu$ l loading, all fragments except 400bp are 50ng. The 400bp fragment is 125ng. This ladder is pre-mixed with loading dye and is ready to use.

#### **Mix concentration**

 $75 \text{ ng} / \mu l$ .

#### Concentration

Typical Bands 125 ng/5μl Other Bands 50 ng/5μl

#### **Recommended Loading**

2-5 µl / Lane.

## **Advised Electrophoresis Conditions**

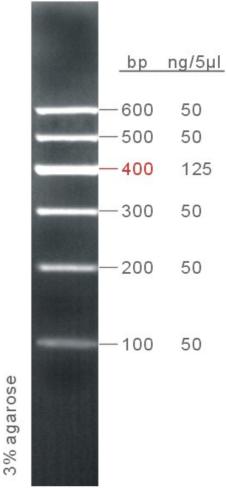
8 cm, 3% Agarose Gel, 0.5×TBE, 5 V/cm, 1 h

# Contents (bp)

### Storage

1 year at room temperature,

for long-time preservation, please store at -20°C.



5 μl/lane, 8 cm gel 0.5×TBE, 7 V/cm, 45 min