

# 100bp Ladder Plus

**Cat. No: M1071 (50 $\mu$ g)/M1072 (5 $\times$ 50 $\mu$ g)**

**Concentration: 136ng/ $\mu$ l**

## Description

100bp ladder plus is ideal for determining the size of double-stranded DNA from 100 to 3,000 base pairs. The ladder consists of 14 linear double-stranded fragments. The **500bp** and **1,200bp** fragments are 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 500bp and 1,200bp are 40ng. The 500bp and 1,200bp fragments are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

## Recommended Loading

2-5  $\mu$ l/lane

## Concentration

Typical Bands 100ng/5 $\mu$ l

Other Bands 40ng/5 $\mu$ l

## Recommended Electrophoresis Condition

5  $\mu$ l/lane, 8cm 1.7% Agarose Gel, 0.5 $\times$ TBE, 5V/cm, 1h.

## Contents (bp)

100、200、300、400、**500**、600、700、800、900、1,000、**1,200**、1,500、2,000、3,000.

## Storage

Stable for 3 months at RT, for long-time storage, please store at -20 $^{\circ}$ C.

