

## Marker 4

**Cat. No: M1231 (50 $\mu$ g)/M1232 (5 $\times$ 50 $\mu$ g)**

**Concentration: 75ng/ $\mu$ l**

### Description

Marker 4 is ideal for determining the size of double-stranded DNA from 500 to 15,000 base pairs. The ladder consists of 6 linear double-stranded fragments. The **2,500bp** 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 2,500bp are 50ng. The 2,500bp fragment is 125ng. This ladder is pre-mixed with loading dye and is ready to use.

### Recommended Loading

2-5  $\mu$ l/lane

### Concentration

Typical Bands, 125ng/5 $\mu$ l

Other Bands, 50ng/5 $\mu$ l

### Recommended Electrophoresis Condition

5  $\mu$ l/lane, 8 cm 1% Agarose Gel, 1 $\times$ TAE, 7 V/cm, 45min.

### Contents (bp)

500、1000、**2,500**、5,000、8,000、15,000.

### Storage

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

