

# DS™ 10000

**Cat. No.: M1221 (50µg)/M1222 (5×50µg)**

**Concentration: 85ng/µl**

## Description

DS™ 10000 is ideal for determining the size of double-stranded DNA from 250 to 10,000 base pairs. The ladder consists of 7 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 50ng. The 2,500bp fragment is 125ng. This ladder is pre-mixed with loading dye and is ready to use.

## Recommended Loading

2-5 µl/lane

## Concentration

Typical Bands, 125ng/5µl

Other Bands, 50ng/5µl

## Recommended Electrophoresis Condition

5 µl/lane, 8 cm 1% Agarose Gel, 1×TAE, 7 V/cm, 45min.

## Contents (bp)

250、500、1,000、**2,000**、4,000、7,000、10,000.

## Storage

Stable for 3 months at RT, for long-time storage, please store at -20°C.

