

# DS™ 5000

**Cat. No: M1111 (50µg)/M1112 (5×50µg)**

**Concentration: 150ng/µl**

## Description

DS™ 5000 is ideal for determining the size of double-stranded DNA from 100 to 5000 base pairs. The ladder consists of 9 linear double-stranded fragments. The **1,000bp** 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 1,000bp are 75ng. The 1,000bp fragment is 150ng. This ladder is pre-mixed with loading dye and is ready to use.

## Recommended Loading

2-5 µl/lane

## Concentration

Typical Bands 150ng/5µl

Other Bands 75ng/5µl

## Recommended Electrophoresis Condition

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

## Contents (bp)

100、250、500、750、**1,000**、1,500、2,000、3,000、5,000.

## Storage

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

