

# 1kb Ladder Plus

**Cat. No.: M1191 (50µg)/M1192 (5×50µg)**

**Concentration: 144ng/µl**

## Description

1kb ladder plus is ideal for determining the size of double-stranded DNA from 100 to 10,000 base pairs. The ladder consists of 15 linear double-stranded fragments. The **500bp** and **3,000bp** fragments are 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 500bp and 3,000bp are 40ng. The 500bp and 3,000bp fragments are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

## Recommended Loading

2-5 µl/lane

## Concentration

Typical Bands, 100ng/5µl

Other Bands, 40ng/5µl

## Recommended Electrophoresis Condition

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

## Contents (bp)

100、200、300、400、**500**、700、1,000、1,500、2,000、**3,000**、4,000、5,000、6,000、8,000、10,000.

## Storage

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

