

# Low Ladder

**Cat. No: M1031 (50μg)/M1032 (5×50μg)**

**Concentration: 104ng/μl**

## Description

Low ladder is ideal for determining the size of double-stranded DNA from 25 to 700 base pairs. The ladder consists of 10 linear double-stranded fragments. The **100bp** and **300bp** 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 100bp and 300bp are 40ng. The 100bp and 300bp fragments is 100ng. This ladder is pre-mixed with loading dye and is ready to use.

## Recommended Loading

2-5 μl/Lane

## Concentration

Typical Bands 100 ng/5μl

Other Bands 40 ng/5μl

## Recommended Electrophoresis Condition

5 μl/lane, 8cm 3% Agarose Gel, 0.5×TBE, 5V/cm, 1h.

## Contents (bp)

25、50、75、**100**、150、200、**300**、400、500、700.

## Storage

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

