

# Marker 1

**Cat. No: M1081 (50μg)/M1082 (5×50μg)**

**Concentration: 75ng/μl**

## Description

Marker 1 is ideal for determining the size of double-stranded DNA from 100 to 600 base pairs. The ladder consists of 6 linear double-stranded fragments. The **400bp** 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 400bp are 50ng. The 400bp 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, 8cm 3% Agarose Gel, 0.5×TBE, 5V/cm, 1h.

## Contents (bp)

100、200、300、**400**、500、600.

## Storage

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

