

## 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  $\mu$ l 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 125 ng/5µl, Other Bands 50 ng/5µl

Advised Electrophoresis Condition: 8 cm, 3% Agarose Gel, 0.5×TBE, 7 V/cm, 40min Contents (bp)

100, 200, 300, 400, 500, 600

Mix Concentration: 75 ng/ $\mu$ l

Storage:

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