

1kb Ladder

Cat. No: M1181 (50 μ g)/M1182 (5 \times 50 μ g)

Concentration: 104ng/ μ l

Description

1kb ladder is ideal for determining the size of double-stranded DNA from 500 to 10,000 base pairs. The ladder consists of 10 linear double-stranded fragments. The **2,000bp** and **5,000bp** fragments are present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 μ l loading, all fragments except 2,000bp and 5,000bp are 40ng. The 2,000bp and 5,000bp fragments are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

Recommended Loading

2-5 μ l/lane

Concentration

Typical Bands, 100ng/5 μ l

Other Bands, 40ng/5 μ l

Recommended Electrophoresis Condition

5 μ l/lane, 8 cm 1% Agarose Gel, 1 \times TAE, 7 V/cm, 45min.

Contents (bp)

500、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 $^{\circ}$ C.

