



1kb DNA ladder plus

Concentration: 144ng/ μ l

Description

1 kb 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** fragment 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 500bp and 3,000bp are 40ng. The 500bp and 3,000bp fragment 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 100 ng/5 μ l

Other Bands 40 ng/5 μ l

Recommended Electrophoresis Condition

8 cm 1% Agarose Gel, 1 \times 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 $^{\circ}$ C.

