

500bp Ladder

Cat. No.: M1251 (50µg)/M1252 (5×50µg)

Concentration: 92ng/µl

Description

500bp ladder is ideal for determining the size of double-stranded DNA from 500 to 5,000 base pairs. The ladder consists of 10 linear double-stranded fragments. The **2,000bp** 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 2,000bp are 40ng. The 2,000bp fragment is 100ng. This ladder is pre-mixed with loading dye and is ready to use.

Recommended Loading

2-5 µl/lane

Concentration

Typical Bands, 100ng/5µl

Other Bands, 40ng/5µl

Recommended Electrophoresis Condition

5 µl/lane, 8 cm 1% Agarose Gel, 1×TAE, 7 V/cm, 45min.

Contents (bp)

500、1,000、1,500、**2,000**、2,500、3,000、3,500、4,000、4,500、5,000.

Storage

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

