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## Datasheet for ABIN1574291

### 100 bp DNA Ladder

#### Overview

Quantity:	500 µL
Detection Range:	100-1500 bp
Minimum Detection Limit:	100 bp
Application:	Agarose Gel Electrophoresis (AGE)

#### Product Details

Detection Method:	Fluorometric
Characteristics:	100 bp DNA ladder is composed of 9 bands which are 100 bp, 200 bp, 300 bp, 400 bp, 500 bp, 600 bp, 800 bp, 1,000 bp and 1,500 bp. The 500 bp band with higher Concentration is distinguished easily from others. Quality Control Agarose gel analysis shows that the bands between 100 bp and 1,500 bp are accurate in size and distinguishable. The 500 bp band is easily identified than any other bands. Incubation of 5 µL of the 100 bp DNA Ladder in restriction.

#### Application Details

Application Notes:	Recommended Loading Volume: 5 µl (or 1 µl/mm width of gel well) with 1 µl of 6X DNA loading buffer
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Buffer:	500 ng/5 µL in 10 mM Tris-HCl (pH=7.5), 1 mM EDTA.

## Handling

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Handling Advice: For ready-to-use<sup>TM</sup> format, 1X loading buffer has been added to the marker, and the marker is ready for loading to the gel.

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Storage: -20 °C