

Datasheet for ABIN1540468

100bp DNA Ladder**1** Image[Go to Product page](#)

Overview

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

Product Details

Purpose:	100bp DNA Ladder (Quantitative) is ideal for determining the size of double-stranded DNA from 100 to 1500 base pairs.
Detection Method:	Fluorometric
Characteristics:	<p>The ladder consists of 11 linear double-stranded DNA fragments, chromatography-purified. The intensity of the 500bp has been increased to serve as a reference for easy identification. All fragments are precisely quantified and mixed during the production. For 5 μL loading, all fragments except 500bp are at 40ng. The 500bp fragment is at 100ng. This ladder is pre-mixed with loading dye and is ready to use.</p> <p>11 DNA Fragments (bp): 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, and 1500</p> <p>500bp Band: 100ng/5 μL</p> <p>Other Bands: 40ng/5 μL</p> <p>Range: 100bp-1.5kb</p> <p>Bands: 11</p>

Application Details

Application Notes:	Recommended Loading: 5 μ L/Lane. Add 5 μ L ladder directly to each well. You may need more or less than 5 μ L of ladder, depending
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Application Details

on well size and level of intensity needed to visualize the bands.

Recommended Loading: 5 μ L/Lane, 8cm, 1.7% Agarose Gel, 0.5 \times TBE, 5V/cm, 1h.

Comment:

Do not heat before loading.

For quantification, adjust the concentration of the sample to equalize.

Visualize DNA by staining with ethidium bromide or with SYBR Green I.

Restrictions:

For Research Use only

Handling

Format:

Liquid

Storage:

-20 $^{\circ}$ C

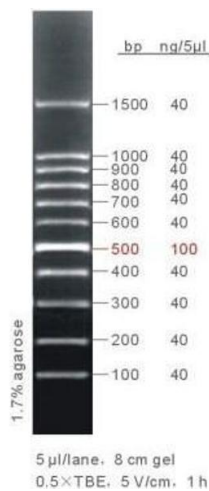
Storage Comment:

1 year at room temperature, for long term storage, please keep at -20 $^{\circ}$ C.

Expiry Date:

12 months

Images



Agarose Gel Electrophoresis

Image 1.